OM protein - protein search, using sw model

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Run on: September 29, 2005, 09:09:14 ; Search time 19.3133 Seconds
(without alignments)
483.145 Million cell updates/sec

Title: US-10-041-860-48
Perfect score: 672
Sequence: 1 QVQLVQSGAEVKKPGASVKV.........YDYYYGMDVWGQGTTVTVSS 125

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 200 summaries

Database :   Issued Patents AA:*
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6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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1	541.5	80.6	120	3	US-09-025-769B-36	Sequence 36, Appl
2	541.5	80.6	120	3	US-09-025-769B-59	Sequence 59, Appl
3	541.5	80.6	120	4	US-09-490-070A-36	Sequence 36, Appl
4	541.5	80.6	120	4	US-09-490-070A-59	Sequence 59, Appl
5	541.5	80.6	120	4	US-09-490-153-36	Sequence 36, Appl
6	541.5	80.6	120	4	US-09-490-153-59	Sequence 59, Appl
7	541.5	80.6	120	4	US-09-490-324-36	Sequence 36, Appl
8	541.5	80.6	120	4	US-09-490-324-59	Sequence 59, Appl
9	528	78.6	117	3	US-09-025-769B-22	Sequence 22, Appl
10	528	78.6	117	4	US-09-490-070A-22	Sequence 22, Appl
11	528	78.6	117	4	US-09-490-153-22	Sequence 22, Appl
12	528	78.6	117	4	US-09-490-324-22	Sequence 22, Appl
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14	513	76.3	125	1	US-09-199-149-3	Sequence 3, Appli
15	510.5	76.0	128	3	US-08-202-047-22	Sequence 22, Appl
16	510.5	76.0	128	2	US-08-964-690-22	Sequence 22, Appl
17	510	75.9	129	3	US-08-561-521-45	Sequence 45, Appl
18	510	75.9	129	3	US-08-525-539A-77	Sequence 77, Appl
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21	502	74.7	123	2	US-08-472-281A-94	Sequence 94, Appl
22	502	74.7	123	2	US-08-477-989B-94	Sequence 94, Appl
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28	493.5	73.4	139	2	US-08-452-164A-19	Sequence 19, Appl
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48	476	70.8	123	2	US-08-652-816A-6	Sequence 6, Appli
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161	455.5	67.8	128	1	US-08-476-349A-63	Sequence 63, Appl
162	455	67.7	121	4	US-09-254-180C-7	Sequence 7, Appli
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170	453.5	67.5	119	3	US-08-964-690-9	Sequence 9, Appli
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173	452.5	67.3	270	4	US-09-976-118-2	Sequence 2, Appli
174	452	67.3	146	1	US-08-276-852-155	Sequence 155, App
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186	451	67.1	140	5	PCT-US93-11612-12	Sequence 12, Appl
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188	450	67.0	123	3	US-08-652-816A-7	Sequence 7, Appli
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191	449	66.8	123	2	US-08-483-389-53	Sequence 53, Appl
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200	447.5	66.6	118	3	US-07-987-264-60	Sequence 60, Appl

ALIGNMENTS

RESULT 1
US-09-025-769B-36
; Sequence 36, Application US/09025769B
; Patent No. 6300064
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769B
; FILING DATE: 18-FEB-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 120 amino acids

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;   TYPE: amino acid
;   STRANDEDNESS:
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
US-09-025-769B-36

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Matches 105;  Conservative  5;  Mismatches 10;  Indels  5;  Gaps  1;

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RESULT 2
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;   Sequence 59, Application US/09025769B
;   Patent No. 6300064
;   GENERAL INFORMATION:
;   APPLICANT: Knappik, Achim
;   APPLICANT: Pack, Peter
;   APPLICANT: Ilag, Vic
;   APPLICANT: Ge, Liming
;   APPLICANT: Moroney, Simon
;   APPLICANT: Plueckthun, Andreas
;   TITLE OF INVENTION: Protein/(Poly)peptide libraries
;   NUMBER OF SEQUENCES: 373
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
;   STREET: 1251 Avenue of the Americas
;   CITY: New York
;   STATE: New York
;   COUNTRY: USA
;   ZIP: 10021
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/025,769B
;   FILING DATE: 18-FEB-1998
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: EP 95 11 3021.0
;   FILING DATE: 18-AUG-1995
;   ATTORNEY/AGENT INFORMATION:
;   NAME: James F. Haley, Jr., Esq.
;   REGISTRATION NUMBER: 27,794
;   REFERENCE/DOCKET NUMBER: MORPHO/5
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (212)596-9000
;   TELEFAX: (212)596-9090
;   INFORMATION FOR SEQ ID NO: 59:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 120 amino acids
;   TYPE: amino acid
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
US-09-025-769B-59

Query Match     80.6%;  Score 541.5;  DB 3;  Length 120;
Best Local Similarity  84.0%;  Pred. No. 2.4e-44;
Matches 105;  Conservative  5;  Mismatches 10;  Indels  5;  Gaps  1;
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Qy   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYGMDVWGQGTT 120
          ||||||||||||||||||||||||||:||| :|||| ||||
Db   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAVYYCARWGG-----DGFYAMDYWGQGTL 115

Qy  121 VTVSS 125
          |||||
Db  116 VTVSS 120


RESULT 3
US-09-490-070A-36
;   Sequence 36, Application US/09490070A
;   Patent No. 6696248
;   GENERAL INFORMATION:
;   APPLICANT: Knappik, Achim
;             Pack, Peter
;             Ilag, Vic
;             Ge, Liming
;             Moroney, Simon
;             Plueckthun, Andreas
;   TITLE OF INVENTION: Protein/(Poly)peptide libraries
;   NUMBER OF SEQUENCES: 373
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman
;              White & McAuliffe
;   STREET: 1666 K Street, N.W., Suite 300
;   CITY: Washington
;   STATE: D.C.
;   COUNTRY: USA
;   ZIP: 20006
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/490,070A
;   FILING DATE: 24-Jan-2000
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: EP 95 11 3021.0
;   FILING DATE: 18-AUG-1995
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Colin G. Sandercock, Esq.
;   REGISTRATION NUMBER: 31,298
;   REFERENCE/DOCKET NUMBER: 37629-0005
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (202) 912-2000
;   TELEFAX: (202) 912-2020
;   INFORMATION FOR SEQ ID NO: 36:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 120 amino acids
;   TYPE: amino acid
;   STRANDEDNESS: <Unknown>
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
;   SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-490-070A-36

Query Match     80.6%;  Score 541.5;  DB 4;  Length 120;
Best Local Similarity  84.0%;  Pred. No. 2.4e-44;
Matches 105;  Conservative  5;  Mismatches 10;  Indels  5;  Gaps  1;

Qy    1 QVQLVQSGAEVKKPGASVKVSCKASGYTTFSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
          |||||||||||||||||||||||||| ::||||||||||||||||| |:|
Db    1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYYMHWVRQAPGQGLEWMGWINPNSGGTNY 60

Qy   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYGMDVWGQGTT 120
          ||||||||||||||||||||||||||:||| :|||| ||||
Db   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAVYYCARWGG-----DGFYAMDYWGQGTL 115
```

```
Qy   121 VTVSS 125
          |||||
Db   116 VTVSS 120

RESULT 4
US-09-490-070A-59
; Sequence 59, Application US/09490070A
; Patent No. 6696248
; GENERAL INFORMATION:
;    APPLICANT: Knappik, Achim
;               Pack, Peter
;               Ilag, Vic
;               Ge, Liming
;               Moroney, Simon
;               Plueckthun, Andreas
;    TITLE OF INVENTION: Protein/(Poly)peptide libraries
;    NUMBER OF SEQUENCES: 373
;    CORRESPONDENCE ADDRESS:
;       ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman
;                  White & McAuliffe
;       STREET: 1666 K Street, N.W., Suite 300
;       CITY: Washington
;       STATE: D.C.
;       COUNTRY: USA
;       ZIP: 20006
;    COMPUTER READABLE FORM:
;       MEDIUM TYPE: Floppy disk
;       COMPUTER: IBM PC compatible
;       OPERATING SYSTEM: PC-DOS/MS-DOS
;       SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
;    CURRENT APPLICATION DATA:
;       APPLICATION NUMBER: US/09/490,070A
;       FILING DATE: 24-Jan-2000
;    PRIOR APPLICATION DATA:
;       APPLICATION NUMBER: EP 95 11 3021.0
;       FILING DATE: 18-AUG-1995
;    ATTORNEY/AGENT INFORMATION:
;       NAME: Colin G. Sandercock, Esq.
;       REGISTRATION NUMBER: 31,298
;       REFERENCE/DOCKET NUMBER: 37629-0005
;    TELECOMMUNICATION INFORMATION:
;       TELEPHONE: (202) 912-2000
;       TELEFAX: (202) 912-2020
; INFORMATION FOR SEQ ID NO: 59:
;    SEQUENCE CHARACTERISTICS:
;       LENGTH: 120 amino acids
;       TYPE: amino acid
;       TOPOLOGY: linear
;    MOLECULE TYPE: protein
;    SEQUENCE DESCRIPTION: SEQ ID NO: 59:
US-09-490-070A-59

Query Match             80.6%;  Score 541.5;  DB 4;  Length 120;
Best Local Similarity   84.0%;  Pred. No. 2.4e-44;
Matches   105;  Conservative   5;  Mismatches   10;  Indels   5;  Gaps   1;

Qy   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
         ||||||||||||||||||||||||||||||||| :|||||  ||||||||||||||:
Db   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYYMHWVRQAPGQGLEWMGWINPNSGGTNY 60

Qy  61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYGMDVWGQGTT 120
         ||||||||||||||||||||||||||||||| :||| :|
Db  61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAVYYCARWGG-----DGFYAMDYWGQGTL 115

Qy 121 VTVSS 125
         |||||
Db 116 VTVSS 120

RESULT 5
US-09-490-153-36
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; Sequence 36, Application US/09490153
; Patent No. 6706484
; GENERAL INFORMATION:
;    APPLICANT: Knappik, Achim
;               Pack, Peter
;               Ilag, Vic
;               Ge, Liming
;               Moroney, Simon
;               Plueckthun, Andreas
;    TITLE OF INVENTION: Protein/(Poly)peptide libraries
;    NUMBER OF SEQUENCES: 373
;    CORRESPONDENCE ADDRESS:
;       ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
;       STREET: 1251 Avenue of the Americas
;       CITY: New York
;       STATE: New York
;       COUNTRY: USA
;       ZIP: 10021
;    COMPUTER READABLE FORM:
;       MEDIUM TYPE: Floppy disk
;       COMPUTER: IBM PC compatible
;       OPERATING SYSTEM: PC-DOS/MS-DOS
;       SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
;    CURRENT APPLICATION DATA:
;       APPLICATION NUMBER: US/09/490,153
;       FILING DATE: 24-Jan-2000
;    PRIOR APPLICATION DATA:
;       APPLICATION NUMBER: US/09/025,769B
;       FILING DATE: 18-FEB-1998
;       APPLICATION NUMBER: EP 95 11 3021.0
;       FILING DATE: 18-AUG-1995
;    ATTORNEY/AGENT INFORMATION:
;       NAME: James F. Haley, Jr., Esq.
;       REGISTRATION NUMBER: 27,794
;       REFERENCE/DOCKET NUMBER: MORPHO/5
;    TELECOMMUNICATION INFORMATION:
;       TELEPHONE: (212)596-9000
;       TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 36:
;    SEQUENCE CHARACTERISTICS:
;       LENGTH: 120 amino acids
;       TYPE: amino acid
;       STRANDEDNESS: <Unknown>
;       TOPOLOGY: linear
;    MOLECULE TYPE: protein
;    SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-490-153-36

Query Match             80.6%;  Score 541.5;  DB 4;  Length 120;
Best Local Similarity   84.0%;  Pred. No. 2.4e-44;
Matches   105;  Conservative   5;  Mismatches   10;  Indels   5;  Gaps   1;

Qy   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
         ||||||||||||||||||||||||||||||||| :|||||  ||||||||||||||:
Db   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYYMHWVRQAPGQGLEWMGWINPNSGGTNY 60

Qy  61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYGMDVWGQGTT 120
         ||||||||||||||||||||||||||||||| :||| :|
Db  61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAVYYCARWGG-----DGFYAMDYWGQGTL 115

Qy 121 VTVSS 125
         |||||
Db 116 VTVSS 120

RESULT 6
US-09-490-153-59
; Sequence 59, Application US/09490153
; Patent No. 6706484
; GENERAL INFORMATION:
;    APPLICANT: Knappik, Achim
;               Pack, Peter
;               Ilag, Vic
```

```
                Ge, Liming
                Moroney, Simon
                Plueckthun, Andreas
  TITLE OF INVENTION: Protein/(Poly)peptide libraries
  NUMBER OF SEQUENCES: 373
  CORRESPONDENCE ADDRESS:
     ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
     STREET: 1251 Avenue of the Americas
     CITY: New York
     STATE: New York
     COUNTRY: USA
     ZIP: 10021
  COMPUTER READABLE FORM:
     MEDIUM TYPE: Floppy disk
     COMPUTER: IBM PC compatible
     OPERATING SYSTEM: PC-DOS/MS-DOS
     SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
  CURRENT APPLICATION DATA:
     APPLICATION NUMBER: US/09/490,153
     FILING DATE: 24-Jan-2000
  PRIOR APPLICATION DATA:
     APPLICATION NUMBER: US/09/025,769B
     FILING DATE: 18-FEB-1998
     APPLICATION NUMBER: EP 95 11 3021.0
     FILING DATE: 18-AUG-1995
  ATTORNEY/AGENT INFORMATION:
     NAME: James F. Haley, Jr., Esq.
     REGISTRATION NUMBER: 27,794
     REFERENCE/DOCKET NUMBER: MORPHO/5
  TELECOMMUNICATION INFORMATION:
     TELEPHONE: (212)596-9000
     TELEFAX: (212)596-9090
  INFORMATION FOR SEQ ID NO: 59:
  SEQUENCE CHARACTERISTICS:
     LENGTH: 120 amino acids
     TYPE: amino acid
     TOPOLOGY: linear
  MOLECULE TYPE: protein
  SEQUENCE DESCRIPTION: SEQ ID NO: 59:
US-09-490-153-59

Query Match         80.6%;    Score 541.5; DB 4;  Length 120;
Best Local Similarity  84.0%;    Pred. No. 2.4e-44;
Matches  105;  Conservative   5; Mismatches  10;  Indels   5;  Gaps    1;

Qy   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
         ||||||||||||||||||||||||||||||||||||||   :: |||| ||||||||| :|
Db   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMHWVRQAPGQGLEWMGWINPNSGGTNY 60

Qy  61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120
         |||||||||||||||||||||||||||||||||||||     ||||
Db  61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAVYYCARWGG-----DGFYAMDYWGQGTL 115

Qy 121 VTVSS 125
         |||||
Db 116 VTVSS 120


RESULT 7
US-09-490-324-36
; Sequence 36, Application US/09490324
; Patent No. 6828422
; GENERAL INFORMATION:
  APPLICANT: Knappik, Achim
            Pack, Peter
            Ilag, Vic
            Ge, Liming
            Moroney, Simon
            Plueckthun, Andreas
  TITLE OF INVENTION: Protein/(Poly)peptide libraries
  NUMBER OF SEQUENCES: 373
  CORRESPONDENCE ADDRESS:
     ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
```

```
     STREET: 1251 Avenue of the Americas
     CITY: New York
     STATE: New York
     COUNTRY: USA
     ZIP: 10021
  COMPUTER READABLE FORM:
     MEDIUM TYPE: Floppy disk
     COMPUTER: IBM PC compatible
     OPERATING SYSTEM: PC-DOS/MS-DOS
     SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
  CURRENT APPLICATION DATA:
     APPLICATION NUMBER: US/09/490,324
     FILING DATE: 24-Jan-2000
  PRIOR APPLICATION DATA:
     APPLICATION NUMBER: US/09/025,769
     FILING DATE: 18-FEB-1998
     APPLICATION NUMBER: EP 95 11 3021.0
     FILING DATE: 18-AUG-1995
  ATTORNEY/AGENT INFORMATION:
     NAME: James F. Haley, Jr., Esq.
     REGISTRATION NUMBER: 27,794
     REFERENCE/DOCKET NUMBER: MORPHO/5
  TELECOMMUNICATION INFORMATION:
     TELEPHONE: (212)596-9000
     TELEFAX: (212)596-9090
  INFORMATION FOR SEQ ID NO: 36:
  SEQUENCE CHARACTERISTICS:
     LENGTH: 120 amino acids
     TYPE: amino acid
     STRANDEDNESS: <Unknown>
     TOPOLOGY: linear
  MOLECULE TYPE: protein
  SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-490-324-36

Query Match         80.6%;    Score 541.5; DB 4;  Length 120;
Best Local Similarity  84.0%;    Pred. No. 2.4e-44;
Matches  105;  Conservative   5; Mismatches  10;  Indels   5;  Gaps    1;

Qy   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
         ||||||||||||||||||||||||||||||||||||||   :: |||| ||||||||| :|
Db   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMHWVRQAPGQGLEWMGWINPNSGGTNY 60

Qy  61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120
         |||||||||||||||||||||||||||||||||||||     ||||
Db  61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAVYYCARWGG-----DGFYAMDYWGQGTL 115

Qy 121 VTVSS 125
         |||||
Db 116 VTVSS 120


RESULT 8
US-09-490-324-59
; Sequence 59, Application US/09490324
; Patent No. 6828422
; GENERAL INFORMATION:
  APPLICANT: Knappik, Achim
            Pack, Peter
            Ilag, Vic
            Ge, Liming
            Moroney, Simon
            Plueckthun, Andreas
  TITLE OF INVENTION: Protein/(Poly)peptide libraries
  NUMBER OF SEQUENCES: 373
  CORRESPONDENCE ADDRESS:
     ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
     STREET: 1251 Avenue of the Americas
     CITY: New York
     STATE: New York
     COUNTRY: USA
     ZIP: 10021
  COMPUTER READABLE FORM:
```

```
          MEDIUM TYPE: Floppy disk
          COMPUTER: IBM PC compatible
          OPERATING SYSTEM: PC-DOS/MS-DOS
          SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
     CURRENT APPLICATION DATA:
          APPLICATION NUMBER: US/09/490,324
          FILING DATE: 24-Jan-2000
     PRIOR APPLICATION DATA:
          APPLICATION NUMBER: US/09/025,769
          FILING DATE: 18-FEB-1998
          APPLICATION NUMBER: EP 95 11 3021.0
          FILING DATE: 18-AUG-1995
     ATTORNEY/AGENT INFORMATION:
          NAME: James F. Haley, Jr., Esq.
          REGISTRATION NUMBER: 27,794
          REFERENCE/DOCKET NUMBER: MORPHO/5
     TELECOMMUNICATION INFORMATION:
          TELEPHONE: (212)596-9000
          TELEFAX: (212)596-9090
INFORMATION FOR SEQ ID NO: 59:
     SEQUENCE CHARACTERISTICS:
          LENGTH: 120 amino acids
          TYPE: amino acid
          TOPOLOGY: linear
     MOLECULE TYPE: protein
     SEQUENCE DESCRIPTION: SEQ ID NO: 59:
US-09-490-324-59

Query Match            80.6%;    Score 541.5; DB 4;   Length 120;
Best Local Similarity  84.0%;    Pred. No. 2.4e-44;
Matches 105; Conservative 5; Mismatches 10; Indels 5; Gaps 1;

Qy    1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGGNTDY 60
        ||||||||||||||||||||||||||||||||||||||||| :|||||||||||| :
Db    1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMHWVRQAPGQGLEWMGWINPNSGGTNY 60

Qy   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYGMDVWGQGTT 120
        ||||||||||||||||||||||||||||||| :| |||||||
Db   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAVYYCARWGG-----DGFYAMDYWGQGTL 115

Qy  121 VTVSS 125
        |||||
Db  116 VTVSS 120

RESULT 9
US-09-025-769B-22
; Sequence 22, Application US/09025769B
; Patent No. 6300064
GENERAL INFORMATION:
     APPLICANT: Knappik, Achim
     APPLICANT: Pack, Peter
     APPLICANT: Ilag, Vic
     APPLICANT: Ge, Liming
     APPLICANT: Moroney, Simon
     APPLICANT: Plueckthun, Andreas
     TITLE OF INVENTION: Protein/(Poly)peptide libraries
     NUMBER OF SEQUENCES: 373
     CORRESPONDENCE ADDRESS:
          ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
          STREET: 1251 Avenue of the Americas
          CITY: New York
          STATE: New York
          COUNTRY: USA
          ZIP: 10021
     COMPUTER READABLE FORM:
          MEDIUM TYPE: Floppy disk
          COMPUTER: IBM PC compatible
          OPERATING SYSTEM: PC-DOS/MS-DOS
          SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
     CURRENT APPLICATION DATA:
          APPLICATION NUMBER: US/09/025,769B
          FILING DATE: 18-FEB-1998
```

```
     PRIOR APPLICATION DATA:
          APPLICATION NUMBER: EP 95 11 3021.0
          FILING DATE: 18-AUG-1995
     ATTORNEY/AGENT INFORMATION:
          NAME: James F. Haley, Jr., Esq.
          REGISTRATION NUMBER: 27,794
          REFERENCE/DOCKET NUMBER: MORPHO/5
     TELECOMMUNICATION INFORMATION:
          TELEPHONE: (212)596-9000
          TELEFAX: (212)596-9090
INFORMATION FOR SEQ ID NO: 22:
     SEQUENCE CHARACTERISTICS:
          LENGTH: 117 amino acids
          TYPE: amino acid
          STRANDEDNESS:
          TOPOLOGY: linear
     MOLECULE TYPE: protein
US-09-025-769B-22

Query Match            78.6%;    Score 528; DB 3;   Length 117;
Best Local Similarity  82.5%;    Pred. No. 4.4e-43;
Matches 104; Conservative 5; Mismatches 7; Indels 10; Gaps 2;

Qy    1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
        ||||||||||||||||||||||||||||||||||||||||| :|||||||||||| :
Db    1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMHWVRQAPGQGLEWMGWINPNSGNTNY 60

Qy   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVR-GFGYSYNYDYYGMDVWGQGT 119
        |||||||||||||||||||||||||||| :||| | |||
Db   61 AQKFQGRVTMTRDTSISTAYMELSSLRSDDTAVYYCARDGDG-------GFDYWGQGT 111

Qy  120 TVTVSS 125
        ||||||
Db  112 LVTVSS 117

RESULT 10
US-09-490-070A-22
; Sequence 22, Application US/09490070A
Patent No. 6696248
GENERAL INFORMATION:
     APPLICANT: Knappik, Achim
                Pack, Peter
                Ilag, Vic
                Ge, Liming
                Moroney, Simon
                Plueckthun, Andreas
     TITLE OF INVENTION: Protein/(Poly)peptide libraries
     NUMBER OF SEQUENCES: 373
     CORRESPONDENCE ADDRESS:
          ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman
                     White & McAuliffe
          STREET: 1666 K Street, N.W., Suite 300
          CITY: Washington
          STATE: D.C.
          COUNTRY: USA
          ZIP: 20006
     COMPUTER READABLE FORM:
          MEDIUM TYPE: Floppy disk
          COMPUTER: IBM PC compatible
          OPERATING SYSTEM: PC-DOS/MS-DOS
          SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
     CURRENT APPLICATION DATA:
          APPLICATION NUMBER: US/09/490,070A
          FILING DATE: 24-Jan-2000
     PRIOR APPLICATION DATA:
          APPLICATION NUMBER: EP 95 11 3021.0
          FILING DATE: 18-AUG-1995
     ATTORNEY/AGENT INFORMATION:
          NAME: Colin G. Sandercock, Esq.
          REGISTRATION NUMBER: 31,298
          REFERENCE/DOCKET NUMBER: 37629-0005
     TELECOMMUNICATION INFORMATION:
```

```
;   TELEPHONE: (202) 912-2000
;   TELEFAX: (202) 912-2020
; INFORMATION FOR SEQ ID NO: 22:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 117 amino acids
;     TYPE: amino acid
;     STRANDEDNESS: <Unknown>
;     TOPOLOGY: linear
;   MOLECULE TYPE: protein
;   SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-490-070A-22

Query Match        78.6%;    Score 528;  DB 4;  Length 117;
Best Local Similarity  82.5%;  Pred. No. 4.4e-43;
Matches 104;  Conservative  5;  Mismatches  7;  Indels 10;  Gaps  2;

Qy    1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
          |||||||||||||||||||||||||||||||||  ::||||| |||||||||||||||:|
Db    1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYYMHWVRQAPGQGLEWMGWINPNSGNTNY 60

Qy   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVR-GFGYSYNYDYYGMDVWGQGT 119
          ||||||||||||||||||||||||||||   ||:|||| |          |||| |
Db   61 AQKFQGRVTMTRDTSISTAYMELSSLRSDDTAVYYCARDGDG---------GFDYWGQGT 111

Qy  120 TVTVSS 125
          |||||
Db  112 LVTVSS 117

RESULT 11
US-09-490-153-22
; Sequence 22, Application US/09490153
; Patent No. 6706484
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
;            Pack, Peter
;            Ilag, Vic
;            Ge, Liming
;            Moroney, Simon
;            Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
;   ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
;   STREET: 1251 Avenue of the Americas
;   CITY: New York
;   STATE: New York
;   COUNTRY: USA
;   ZIP: 10021
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/490,153
;   FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US/09/025,769B
;   FILING DATE: 18-FEB-1998
;   APPLICATION NUMBER: EP 95 11 3021.0
;   FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
;   NAME: James F. Haley, Jr., Esq.
;   REGISTRATION NUMBER: 27,794
;   REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (212)596-9000
;   TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 22:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 117 amino acids
;     TYPE: amino acid
```

```
;     STRANDEDNESS: <Unknown>
;     TOPOLOGY: linear
;   MOLECULE TYPE: protein
;   SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-490-153-22

Query Match        78.6%;    Score 528;  DB 4;  Length 117;
Best Local Similarity  82.5%;  Pred. No. 4.4e-43;
Matches 104;  Conservative  5;  Mismatches  7;  Indels 10;  Gaps  2;

Qy    1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
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Qy  120 TVTVSS 125
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RESULT 12
US-09-490-324-22
; Sequence 22, Application US/09490324
; Patent No. 6828422
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
;            Pack, Peter
;            Ilag, Vic
;            Ge, Liming
;            Moroney, Simon
;            Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
;   ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
;   STREET: 1251 Avenue of the Americas
;   CITY: New York
;   STATE: New York
;   COUNTRY: USA
;   ZIP: 10021
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/490,324
;   FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US/09/025,769
;   FILING DATE: 18-FEB-1998
;   APPLICATION NUMBER: EP 95 11 3021.0
;   FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
;   NAME: James F. Haley, Jr., Esq.
;   REGISTRATION NUMBER: 27,794
;   REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (212)596-9000
;   TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 22:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 117 amino acids
;     TYPE: amino acid
;     STRANDEDNESS: <Unknown>
;     TOPOLOGY: linear
;   MOLECULE TYPE: protein
;   SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-490-324-22
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; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
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; SEQ ID NO 3
;   LENGTH: 125
;   TYPE: PRT
;   ORGANISM: Kabat VH subgroup I
US-09-199-149-3

Query Match             76.3%;  Score 513;  DB 3;  Length 125;
Best Local Similarity   80.6%;  Pred. No. 1.3e-41;
Matches 104;  Conservative   8;  Mismatches   9;  Indels  8;  Gaps  5;

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US-08-202-047-22
; Sequence 22, Application US/08202047
; Patent No. 5800815
; GENERAL INFORMATION:
;    APPLICANT: CHESNUT, Robert W.
;    APPLICANT: POLLEY, Margaret J.
;    APPLICANT: PAULSON, James C.
;    APPLICANT: JONES, S. Tarran
;    APPLICANT: SALDANHA, Jose W.
;    APPLICANT: BENDIG, Mary M.
;    TITLE OF INVENTION: Antibodies to P-Selectin and Their Uses
;    NUMBER OF SEQUENCES: 45
;    CORRESPONDENCE ADDRESS:
;       ADDRESSEE: Townsend and Townsend Khourie and Crew
;       STREET: One Market Plaza, Steuart Tower, Suite 2000
;       CITY:   San Francisco
;       STATE:  California
;       COUNTRY: USA
;       ZIP: 94105
;    COMPUTER READABLE FORM:
;       MEDIUM TYPE: Floppy disk
;       COMPUTER: IBM PC compatible
;       OPERATING SYSTEM: PC-DOS/MS-DOS
;       SOFTWARE: PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;       APPLICATION NUMBER: US/08/202,047
;       FILING DATE: 25-FEB-1994
;       CLASSIFICATION: 424
;    ATTORNEY/AGENT INFORMATION:
;       NAME: Smith, William M.
;       REGISTRATION NUMBER: 30,223
;       REFERENCE/DOCKET NUMBER: 14137-77
;    TELECOMMUNICATION INFORMATION:
;       TELEPHONE: 415-326-2400
;       TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 22:
;    SEQUENCE CHARACTERISTICS:
;       LENGTH: 128 amino acids
;       TYPE: amino acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
;    MOLECULE TYPE: protein
;    FEATURE:
;       NAME/KEY: Protein
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US-08-202-047-22
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Qy  120 TVTVSS 125
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Db  112 LVTVSS 117

RESULT 13
US-09-859-053-28
; Sequence 28, Application US/09859053
; Patent No. 6803039
; GENERAL INFORMATION:
;    APPLICANT: Tsuji, Takashi
;    APPLICANT: Tezuka, Katsunari
;    APPLICANT: Hori, No. 6803039uaki
;    TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODY AGAINST A
;    TITLE OF INVENTION: COSTIMULATORY SIGNAL TRANSDUCTION MOLECULE AILIM AND
;    TITLE OF INVENTION: PHARMACEUTICAL USE THEREOF
;    FILE REFERENCE: 06501-079001
;    CURRENT APPLICATION NUMBER: US/09/859,053
;    CURRENT FILING DATE: 2001-05-16
;    PRIOR APPLICATION NUMBER: JP 2001-99508
;    PRIOR FILING DATE: 2001-03-30
;    PRIOR APPLICATION NUMBER: JP 2000-147116
;    PRIOR FILING DATE: 2000-05-18
;    NUMBER OF SEQ ID NOS: 43
;    SOFTWARE: FastSEQ for Windows Version 4.0
;
; SEQ ID NO 28
;    LENGTH: 470
;    TYPE: PRT
;    ORGANISM: Homo sapiens
US-09-859-053-28
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Qy  121 VTVSS 125
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RESULT 14
US-09-199-149-3
; Sequence 3, Application US/09199149
; Patent No. 6160099
; GENERAL INFORMATION:
;    APPLICANT: Jonak, Zdenka L.
;    APPLICANT: Taylor, Alexander H.
;    APPLICANT: Trulli Jr., Stephen H.
;    APPLICANT: Johanson, Kyung O.
;    TITLE OF INVENTION: Humanized Monoclonal Antibodies
;    FILE REFERENCE: P50860
;    CURRENT APPLICATION NUMBER: US/09/199,149
;    CURRENT FILING DATE: 1998-11-24
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Query Match          76.0%;   Score 510.5;  DB 1;   Length 128;
Best Local Similarity  77.9%;  Pred. No. 2.3e-41;
Matches  102;  Conservative   7;  Mismatches   13;  Indels   9;  Gaps   3;

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Qy   60  YAQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYS-----YNYDYYYGMDV  114
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Qy  115  WGQGTTVTVSS  125
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Job time : 21.3133 secs

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OM protein - protein search, using sw model

         Copyright  (c) 1993 - 2005 Compugen Ltd.

Run on:      September 29, 2005, 09:12:55 ; Search time 123.391 Seconds
                                            (without alignments)
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Perfect score:   672
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                 Gapop 10.0 , Gapext 0.5

Searched:        1846076 seqs, 41516000 residues

Total number of hits satisfying chosen parameters:      1846076

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 200 summaries

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

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3	672	100.0	125	14	US-10-041-860-237	Sequence 237, App
4	672	100.0	125	14	US-10-041-860-372	Sequence 372, App
5	672	100.0	125	16	US-10-665-383-2	Sequence 2, Appli
6	638	94.9	125	14	US-10-041-860-38	Sequence 38, Appl
7	638	94.9	125	14	US-10-041-860-203	Sequence 203, App
8	638	94.9	125	14	US-10-041-860-240	Sequence 240, App
9	638	94.9	125	14	US-10-041-860-343	Sequence 343, App
10	638	94.9	125	16	US-10-665-383-54	Sequence 54, Appl
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13	593.5	88.3	126	14	US-10-041-860-288	Sequence 288, App
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24	572	85.1	127	14	US-10-041-860-360	Sequence 360, App
25	572	85.1	127	16	US-10-665-383-66	Sequence 66, Appl
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27	567.5	84.4	126	14	US-10-041-860-199	Sequence 199, App
28	567.5	84.4	126	14	US-10-041-860-236	Sequence 236, App
29	567.5	84.4	126	14	US-10-041-860-294	Sequence 294, App
30	567.5	84.4	126	16	US-10-665-383-22	Sequence 22, Appl
31	562.5	83.7	124	15	US-10-309-762-125	Sequence 125, App
32	561.5	83.6	122	14	US-10-269-805-61	Sequence 61, Appl
33	561.5	83.6	126	14	US-10-041-860-37	Sequence 37, Appl
34	561.5	83.6	126	14	US-10-041-860-202	Sequence 202, App
35	561.5	83.6	126	14	US-10-041-860-239	Sequence 239, App
36	561.5	83.6	126	16	US-10-665-383-74	Sequence 74, Appl
37	558.5	83.1	145	16	US-10-478-056-29	Sequence 29, Appl
38	554	82.4	125	17	US-10-727-155-162	Sequence 162, App
39	553.5	82.4	126	18	US-10-734-661A-101	Sequence 101, App
40	551.5	82.1	118	15	US-10-309-762-124	Sequence 124, App
41	551	82.0	127	18	US-10-478-056-29	Sequence 103, App
42	547.5	81.5	128	15	US-10-371-942-46	Sequence 46, Appl
43	544	81.0	476	9	US-09-747-669-3	Sequence 3, Appli
44	544	81.0	476	14	US-10-290-703-3	Sequence 3, Appl
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46	542.5	80.7	126	18	US-10-734-661A-97	Sequence 97, Appl
47	542.5	80.7	139	17	US-10-893-576-29	Sequence 29, Appl
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49	538	80.1	136	16	US-10-452-593-108	Sequence 108, App
50	536.5	79.8	126	18	US-10-734-661A-104	Sequence 104, App
51	536.5	79.8	247	10	US-09-880-748-1729	Sequence 1729, Ap
52	536.5	79.8	247	15	US-10-293-418-1729	Sequence 1729, Ap
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66	528	78.6	127	16	US-10-041-860-325	Sequence 110, App
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68	527.5	78.5	146	9	US-10-292-088-110	Sequence 1050, Ap
69	527.5	78.5	146	10	US-09-925-299-1050	Sequence 163, App
70	526.5	78.3	228	16	US-09-925-299-1050	Sequence 28, Appl
71	526	78.3	470	16	US-10-128-520-163	Sequence 28, Appl
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82	523.5	77.9	247	15	US-10-293-418-927	Sequence 105, App
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85	256	10	520	77.4	US-09-880-748-1301		Sequence 1301, Appl
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91	238	10	518.5	77.2	US-09-880-748-1907		Sequence 1907, Ap
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93	116	15	517.5	77.0	US-10-275-046-62		Sequence 62, Appl
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102	123	17	515	76.6	US-10-461-885-17		Sequence 17, Appl
103	251	15	515	76.6	US-09-880-748-1806		Sequence 1806, Ap
104	251	15	515	76.6	US-10-293-418-1806		Sequence 1806, Ap
105	247	20	514.5	76.6	US-11-017-030-10		Sequence 10, Appl
106	221	16	514	76.5	US-10-128-520-174		Sequence 174, App
107	114	15	513.5	76.4	US-10-309-762-141		Sequence 141, App
108	126	17	513.5	76.4	US-10-949-135-2		Sequence 2, Appli
109	241	10	513.5	76.4	US-09-880-748-2031		Sequence 2031, Ap
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114	249	10	511.5	76.1	US-09-880-748-926		Sequence 926, App
115	249	15	511.5	76.1	US-10-293-418-926		Sequence 926, App
116	255	10	511.5	76.1	US-09-880-748-1156		Sequence 1156, Ap
117	255	15	511.5	76.1	US-10-293-418-1156		Sequence 1156, Ap
118	125	14	511	76.0	US-10-041-860-42		Sequence 42, Appl
119	125	14	511	76.0	US-10-041-860-207		Sequence 207, App
120	125	16	511	76.0	US-10-665-383-62		Sequence 62, Appl
121	127	14	511	76.0	US-10-320-231A-34		Sequence 34, Appl
122	127	17	511	76.0	US-10-867-506-34		Sequence 34, Appl
123	127	18	510.5	76.0	US-10-505-313-233		Sequence 233, App
124	257	20	511	76.0	US-11-017-030-31		Sequence 31, Appl
125	126	14	510.5	76.0	US-10-041-860-354		Sequence 354, App
126	241	10	510.5	76.0	US-09-880-748-2008		Sequence 2008, Ap
127	241	15	510.5	76.0	US-10-293-418-2008		Sequence 2008, Ap
128	257	10	510.5	76.0	US-09-880-748-1596		Sequence 1596, Ap
129	257	15	510.5	76.0	US-10-293-418-1596		Sequence 1596, Ap
130	129	9	510	75.9	US-09-956-206A-77		Sequence 77, Appl
131	129	17	510	75.9	US-10-763-424-71		Sequence 71, Appl
132	129	18	510	75.9	US-10-965-616-77		Sequence 77, Appl
133	249	10	509.5	75.8	US-09-880-748-1425		Sequence 1425, Ap
134	246	15	509.5	75.8	US-10-293-418-1425		Sequence 1425, Ap
135	249	15	509.5	75.8	US-09-880-748-918		Sequence 918, App
136	250	10	509.5	75.8	US-10-293-418-19		Sequence 19, Appl
137	250	15	509.5	75.8	US-09-880-748-1640		Sequence 1640, Ap
138	256	10	509.5	75.8	US-10-293-418-1640		Sequence 1640, Ap
139	248	15	509	75.7	US-09-880-748-1387		Sequence 1387, Ap
140	248	15	509	75.7	US-10-293-418-1387		Sequence 1387, Ap
141	249	8	509	75.7	US-08-779-457-48		Sequence 48, Appl
142	249	17	509	75.7	US-10-921-710-48		Sequence 48, Appl
143	98	14	508	75.6	US-10-041-860-373		Sequence 373, App
144	246	10	508	75.6	US-09-880-748-1638		Sequence 1638, Ap
145	246	15	508	75.6	US-10-293-418-1638		Sequence 1638, Ap
146	249	10	507.5	75.5	US-09-880-748-918		Sequence 918, App
147	249	15	507.5	75.5	US-10-293-418-918		Sequence 918, App
148	250	15	509.5	75.4	US-09-880-748-1722		Sequence 1722, Ap
149	250	15	507	75.4	US-10-293-418-1722		Sequence 1722, Ap
150	241	10	506.5	75.4	US-09-880-748-2032		Sequence 2032, Ap
151	241	15	506.5	75.4	US-10-293-418-2032		Sequence 2032, Ap
152	109	17	506	75.3	US-10-727-155-298		Sequence 298, App
153	117	15	506	75.3	US-10-309-762-142		Sequence 142, Appl
154	126	15	505.5	75.2	US-10-292-088-42		Sequence 42, Appl
155	126	20	505.5	75.2	US-11-001-980-5		Sequence 5, Appli
156	471	15	505.5	75.2	US-10-292-088-46		Sequence 46, Appl
157	251	10	505	75.1	US-09-880-748-930		Sequence 930, App
158	251	15	505	75.1	US-10-293-418-930		Sequence 930, App
159	251	10	504.5	75.1	US-09-880-748-1592		Sequence 1592, Ap
160	251	15	504.5	75.1	US-10-293-418-1592		Sequence 1592, Ap
161	252	10	504.5	75.1	US-09-880-748-1674		Sequence 1674, Ap
162	252	15	504.5	75.1	US-10-293-418-1674		Sequence 1674, Ap
163	123	14	504	75.0	US-10-330-613-21		Sequence 21, Appl
164	123	14	504	75.0	US-10-330-530-21		Sequence 21, Appl
165	123	16	504	75.0	US-10-660-357-21		Sequence 21, Appl
166	253	10	503	74.9	US-09-880-748-1936		Sequence 1936, Ap
167	253	15	503	74.9	US-10-293-418-1936		Sequence 1936, Ap
168	148	16	502.5	74.8	US-10-756-125-3		Sequence 3, Appli
169	241	10	502.5	74.8	US-09-880-748-1948		Sequence 1948, Ap
170	241	15	502.5	74.8	US-10-293-418-1948		Sequence 1948, Ap
171	99	14	502	74.7	US-10-041-860-1		Sequence 1, Appli
172	123	14	502	74.7	US-10-269-805-51		Sequence 51, Appl
173	251	10	502	74.7	US-09-880-748-1077		Sequence 1077, Ap
174	251	15	502	74.7	US-10-293-418-1077		Sequence 1077, Ap
175	119	17	501	74.6	US-10-763-424-60		Sequence 60, Appl
176	119	18	501	74.6	US-10-880-028-33		Sequence 33, Appl
177	119	18	501	74.6	US-10-880-320-33		Sequence 33, Appl
178	243	10	501	74.6	US-09-880-748-2109		Sequence 2109, Ap
179	243	15	501	74.6	US-10-293-418-2109		Sequence 2109, Ap
180	250	10	501	74.6	US-09-880-748-1161		Sequence 1161, Ap
181	250	15	501	74.6	US-10-293-418-1161		Sequence 1161, Ap
182	251	10	501	74.6	US-09-880-748-1869		Sequence 1869, Ap
183	251	15	501	74.6	US-10-293-418-1869		Sequence 1869, Ap
184	251	20	501	74.6	US-11-017-030-37		Sequence 37, Appl
185	244	10	500.5	74.5	US-09-880-748-2011		Sequence 2011, Ap
186	244	15	500.5	74.5	US-10-293-418-2011		Sequence 2011, Ap
187	109	16	500	74.4	US-10-779-461-156		Sequence 156, App
188	250	10	500	74.4	US-09-880-748-1723		Sequence 1723, Ap
189	250	15	500	74.4	US-10-293-418-1723		Sequence 1723, Ap
190	252	10	500	74.4	US-09-880-748-1954		Sequence 1954, Ap
191	252	15	500	74.4	US-10-293-418-1954		Sequence 1954, Ap
192	257	10	500	74.4	US-09-880-748-1610		Sequence 1610, Ap
193	257	15	500	74.4	US-10-293-418-1610		Sequence 1610, Ap
194	258	10	500	74.4	US-09-880-748-2090		Sequence 2090, Ap
195	258	15	500	74.4	US-10-293-418-2090		Sequence 2090, Ap
196	254	15	499.5	74.3	US-09-880-748-1405		Sequence 1405, Ap
197	254	15	499.5	74.3	US-10-293-418-1405		Sequence 1405, Ap
198	119	15	499	74.3	US-10-308-817-191		Sequence 191, App
199	119	15	499	74.3	US-10-453-698-191		Sequence 191, App
200	243	10	499	74.3	US-09-880-748-2009		Sequence 2009, Ap

ALIGNMENTS

RESULT 1
US-10-041-860-48
; Sequence 48, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 48
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-48

```
Query Match           100.0%;    Score 672;   DB 14;   Length 125;
Best Local Similarity 100.0%;    Pred. No. 8.5e-54;
Matches 125;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    1  QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY  60
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1  QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY  60

Qy   61  AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61  AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120

Qy  121  VTVSS 125
         |||||
Db  121  VTVSS 125
```

RESULT 2
US-10-041-860-200
; Sequence 200, Application US/10041860
; Publication No. US20030157109A1
GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 200
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-200

```
Query Match           100.0%;    Score 672;   DB 14;   Length 125;
Best Local Similarity 100.0%;    Pred. No. 8.5e-54;
Matches 125;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    1  QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY  60
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1  QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY  60

Qy   61  AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61  AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120

Qy  121  VTVSS 125
         |||||
Db  121  VTVSS 125
```

RESULT 3
US-10-041-860-237
; Sequence 237, Application US/10041860
; Publication No. US20030157109A1
GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 237
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-237

```
Query Match           100.0%;    Score 672;   DB 14;   Length 125;
Best Local Similarity 100.0%;    Pred. No. 8.5e-54;
Matches 125;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    1  QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY  60
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1  QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY  60

Qy   61  AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61  AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120

Qy  121  VTVSS 125
         |||||
Db  121  VTVSS 125
```

RESULT 4
US-10-041-860-372
; Sequence 372, Application US/10041860
; Publication No. US20030157109A1
GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 372
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-372

```
Query Match           100.0%;    Score 672;   DB 14;   Length 125;
Best Local Similarity 100.0%;    Pred. No. 8.5e-54;
Matches 125;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    1  QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY  60
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1  QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY  60

Qy   61  AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61  AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120

Qy  121  VTVSS 125
         |||||
Db  121  VTVSS 125
```

RESULT 5
US-10-665-383-2
; Sequence 2, Application US/10665383
; Publication No. US2004014196A1
; GENERAL INFORMATION:
; APPLICANT: Gazit, Gadi
; APPLICANT: Floege, Juergen
; APPLICANT: Keyt, Bruce
; APPLICANT: LaRochelle, William
; APPLICANT: Lichenstein, Henri
; TITLE OF INVENTION: METHOD FOR THE TREATMENT OF NEPHRITIS
; TITLE OF INVENTION: USING ANTI-PDGF-DD ANTIBODIES
; FILE REFERENCE: ABGENIX.052A
; CURRENT APPLICATION NUMBER: US/10/665,383
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: 60/411,137
; PRIOR FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-665-383-2

Query Match   100.0%; Score 672; DB 16; Length 125;
Best Local Similarity 100.0%; Pred. No. 8.5e-54;
Matches 125; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60

Qy   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120

Qy 121 VTVSS 125
          |||||
Db 121 VTVSS 125

RESULT 6
US-10-041-860-38
; Sequence 38, Application US/10041860
; Publication No. US2003015710A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-38

Query Match   94.9%; Score 638; DB 14; Length 125;
Best Local Similarity 94.4%; Pred. No. 1.1e-50;
Matches 118; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

RESULT 7
US-10-041-860-203
; Sequence 203, Application US/10041860
; Publication No. US2003015710A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 203
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-203

Query Match   94.9%; Score 638; DB 14; Length 125;
Best Local Similarity 94.4%; Pred. No. 1.1e-50;
Matches 118; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||:||||||
Db   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWMNPNSGNTGY 60

Qy   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120
          ||||||||||||||||:|||||||||||||||:||:||||||||||||||||||||||
Db   61 AQKFQGRVTMTRNTSISTAYMELSSLRSEDTAVYYCARGSGYSYGYDYYYGMDVWGQGTT 120

Qy 121 VTVSS 125
          |||||
Db 121 VTVSS 125

RESULT 8
US-10-041-860-240
; Sequence 240, Application US/10041860
; Publication No. US2003015710A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860

; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 240
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-240

Query Match   94.9%;   Score 638; DB 14; Length 125;
Best Local Similarity   94.4%; Pred. No. 1.1e-50;
Matches 118; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

```
Qy   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
         |||||||||||||||||||||||||||||||||||||||||||||||:||||||
Db   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWMNPNSGNTGY 60

Qy  61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120
         ||||||||||||:|||||||||||||||||||||:||| || |||| |||||||||||
Db  61 AQKFQGRVTMTRNTSISTAYMELSSLRSEDTAVYYCARGSGYSYGYDYYYYGMDVWGQGTT 120

Qy 121 VTVSS 125
         |||||
Db 121 VTVSS 125
```

RESULT 9
US-10-041-860-343
; Sequence 343, Application US/10041860
; Publication No. US2003015709A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 343
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-343

Query Match   94.9%;   Score 638; DB 14; Length 125;
Best Local Similarity   94.4%; Pred. No. 1.1e-50;
Matches 118; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

```
Qy   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
         |||||||||||||||||||||||||||||||||||||||||||||||:||||||
Db   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWMNPNSGNTGY 60

Qy  61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120
         ||||||||||||:|||||||||||||||||||||:||| || |||| |||||||||||
Db  61 AQKFQGRVTMTRNTSISTAYMELSSLRSEDTAVYYCARGSGYSYGYDYYYYGMDVWGQGTT 120

Qy 121 VTVSS 125
         |||||
Db 121 VTVSS 125
```

RESULT 10
US-10-665-383-54
; Sequence 54, Application US/10665383
; Publication No. US2004014969A1

; GENERAL INFORMATION:
; APPLICANT: Floege, Juergen
; APPLICANT: Gazit, Gadi
; APPLICANT: Keyt, Bruce
; APPLICANT: LaRochelle, William
; APPLICANT: Lichenstein, Henri
; TITLE OF INVENTION: METHOD FOR THE TREATMENT OF NEPHRITIS
; TITLE OF INVENTION: USING ANTI-PDGF-DD ANTIBODIES
; FILE REFERENCE: ABGENIX.052A
; CURRENT APPLICATION NUMBER: US/10/665,383
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: 60/411,137
; PRIOR FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 125
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-665-383-54

Query Match   94.9%;   Score 638; DB 16; Length 125;
Best Local Similarity   94.4%; Pred. No. 1.1e-50;
Matches 118; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

```
Qy   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
         |||||||||||||||||||||||||||||||||||||||||||||||:||||||
Db   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWMNPNSGNTGY 60

Qy  61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVRGFGYSYNYDYYYGMDVWGQGTT 120
         ||||||||||||:|||||||||||||||||||||:||| || |||| |||||||||||
Db  61 AQKFQGRVTMTRNTSISTAYMELSSLRSEDTAVYYCARGSGYSYGYDYYYYGMDVWGQGTT 120

Qy 121 VTVSS 125
         |||||
Db 121 VTVSS 125
```

RESULT 11
US-10-041-860-19
; Sequence 19, Application US/10041860
; Publication No. US2003015709A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 126
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-19

Query Match   88.3%;   Score 593.5; DB 14; Length 126;
Best Local Similarity   89.7%; Pred. No. 1.3e-46;
Matches 113; Conservative 4; Mismatches 8; Indels 1; Gaps 1;

```
Qy   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
         |||||||||||||||||||||||||||||||||||||||||||||||:||||||
Db   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWMNPNSGNTGY 60

Qy  61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVR-GFGYSYNYDYYYGMDVWGQGT 119
```

Db   61 AQKFQGRVTMTRNTSISTAYMELSSLRSEDTAVYYCAREGIAVAGTYYYYGMDVWGQGT 120
               ||||||| |||||||||||||:||||||||||||||||| | : |||||||||||||

Qy   120 TVTVSS 125
               |||||||
Db   121 TVTVSS 126

RESULT 12
US-10-041-860-201
; Sequence 201, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 201
; LENGTH: 126
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-201

Query Match   88.3%;   Score 593.5; DB 14; Length 126;
Best Local Similarity 89.7%;   Pred. No. 1.3e-46;
Matches 113; Conservative   4; Mismatches   8; Indels   1; Gaps   1;

Qy   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
               ||||||||||||||||||||||||||||||||||||||||||||||||||| ||||||||
Db   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWMNPNSGNTGY 60

Qy   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVR-GFGYSYNYDYYGMDVWGQGT 119
               |||||||||||||:|||||||||||||||||||||||| | |||||||||||||||||||
Db   61 AQKFQGRVTMTRNTSISTAYMELSSLRSEDTAVYYCAREGIAVAGTYYYYGMDVWGQGT 120

Qy   120 TVTVSS 125
               |||||||
Db   121 TVTVSS 126

RESULT 13
US-10-041-860-288
; Sequence 288, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 288
; LENGTH: 126

; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-288

Query Match   88.3%;   Score 593.5; DB 14; Length 126;
Best Local Similarity 89.7%;   Pred. No. 1.3e-46;
Matches 113; Conservative   4; Mismatches   8; Indels   1; Gaps   1;

Qy   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
               ||||||||||||||||||||||||||||||||||||||||||||||||||| ||||||||
Db   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWMNPNSGNTGY 60

Qy   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVR-GFGYSYNYDYYGMDVWGQGT 119
               |||||||||||||:|||||||||||||||||||||||| | |||||||||||||||||||
Db   61 AQKFQGRVTMTRNTSISTAYMELSSLRSEDTAVYYCAREGIAVAGTYYYYGMDVWGQGT 120

Qy   120 TVTVSS 125
               |||||||
Db   121 TVTVSS 126

RESULT 14
US-10-665-383-18
; Sequence 18, Application US/10665383
; Publication No. US2004014969A1
; GENERAL INFORMATION:
; APPLICANT: Floege, Juergen
; APPLICANT: Gazit, Gadi
; APPLICANT: Keyt, Bruce
; APPLICANT: LaRochelle, William
; APPLICANT: Lichenstein, Henri
; TITLE OF INVENTION: METHOD FOR THE TREATMENT OF NEPHRITIS
; TITLE OF INVENTION: USING ANTI-PDGF-DD ANTIBODIES
; FILE REFERENCE: ABGENIX.052A
; CURRENT APPLICATION NUMBER: US/10/665,383
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: 60/411,137
; PRIOR FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 126
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-665-383-18

Query Match   88.3%;   Score 593.5; DB 16; Length 126;
Best Local Similarity 89.7%;   Pred. No. 1.3e-46;
Matches 113; Conservative   4; Mismatches   8; Indels   1; Gaps   1;

Qy   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDY 60
               ||||||||||||||||||||||||||||||||||||||||||||||||||| ||||||||
Db   1 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWMNPNSGNTGY 60

Qy   61 AQKFQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVR-GFGYSYNYDYYGMDVWGQGT 119
               |||||||||||||:|||||||||||||||||||||||| | |||||||||||||||||||
Db   61 AQKFQGRVTMTRNTSISTAYMELSSLRSEDTAVYYCAREGIAVAGTYYYYGMDVWGQGT 120

Qy   120 TVTVSS 125
               |||||||
Db   121 TVTVSS 126

RESULT 15
US-10-041-860-238
; Sequence 238, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine

```
;   APPLICANT:  Gazit, Gadi
;   APPLICANT:  Weber, Richard
;   APPLICANT:  Bezabeh, Binyam
;   TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
;   TITLE OF INVENTION: THEREOF
;   FILE REFERENCE: ABGENIX.051A
;   CURRENT APPLICATION NUMBER: US/10/041,860
;   CURRENT FILING DATE: 2002-01-07
;   NUMBER OF SEQ ID NOS: 377
;   SOFTWARE: FastSEQ for Windows Version 4.0
;   SEQ ID NO 238
;     LENGTH: 125
;     TYPE: PRT
;   ORGANISM: homo sapiens
US-10-041-860-238

Query Match             86.2%;  Score 579.5; DB 14;  Length 125;
Best Local Similarity   89.4%;  Pred. No. 2.5e-45;
Matches 110;  Conservative   4;  Mismatches   8;  Indels   1;  Gaps   1;

Qy    4 LVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWINPNSGNTDYAQK 63
          ||||||||||||||||||||||||||||||||||||||||||||:||||||| ||||
Db    3 LVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQATGQGLEWMGWMNPNSGNTGYAQK 62

Qy   64 FQGRVTMTRDTSISTAYMELSSLRSEDTAIYYCVR-GFGYSYNYDYYYGMDVWGQGTTVT 122
          |||||||| :||:|||||||||||||||||||| |    : |||||||||||||||||
Db   63 FQGRVTMTRNTSISTAYMELSSLRSEDTAVYYCAREGIAVAGTYYYYGMDVWGQGTTVT 122

Qy  123 VSS 125
          |||
Db  123 VSS 125


Search completed: September 29, 2005, 09:45:19
Job time : 125.391 secs
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OM protein - protein search, using sw model

```
        Copyright  GenCore version 5.1.6
        Copyright (c) 1993 - 2005 Compugen Ltd.
```

Run on: September 29, 2005, 09:09:14 ; Search time 16.6867 Seconds
                              (without alignments)
                              483.145 Million cell updates/sec

Title: US-10-041-860-49
Perfect score: 558
Sequence: 1 EIVLTQSPGTLSLSPGERAT.........CQQYGSSPCSFGQGTKLEIK 108

Scoring table: BLOSUM62
                Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 200 summaries

Database : Issued Patents AA:*
            1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
            2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
            3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
            4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
            5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
            6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	530	95.0	108	2	US-08-232-081B-42	Sequence 42, Appl
2	529	94.8	109	3	US-09-025-769B-16	Sequence 16, Appl
3	529	94.8	109	4	US-09-490-070A-16	Sequence 16, Appl
4	529	94.8	109	4	US-09-490-153-16	Sequence 16, Appl
5	529	94.8	109	4	US-09-490-324-16	Sequence 16, Appl
6	525	94.1	108	1	US-08-488-113B-150	Sequence 150, Appl
7	525	94.1	108	1	US-08-477-484B-150	Sequence 150, App
8	525	94.1	108	2	US-08-646-765-150	Sequence 150, App
9	525	94.1	108	3	US-09-136-389-150	Sequence 150, App
10	525	94.1	108	3	US-09-610-838-150	Sequence 150, App
11	525	94.1	108	4	US-09-711-485-150	Sequence 150, App
12	525	94.1	108	4	US-09-456-090A-50	Sequence 50, Appl
13	524.5	94.0	226	4	US-09-456-090A-86	Sequence 86, Appl
14	524.5	94.0	226	4	US-09-453-234-50	Sequence 50, Appl
15	524.5	94.0	226	4	US-09-472-087-14	Sequence 14, Appl
16	524.5	94.0	235	4	US-09-453-234-86	Sequence 86, Appl
17	521	93.4	235	4	US-09-472-087-65	Sequence 65, Appl
18	521	93.4	226	4	US-09-456-090A-80	Sequence 80, Appl
19	518.5	92.9	226	4	US-09-453-234-80	Sequence 80, Appl
20	518.5	92.9	236	4	US-09-859-053-34	Sequence 34, Appl
21	518.5	92.9	108	3	US-09-240-274-178	Sequence 178, App
22	518	92.8	236	4	US-09-859-053-38	Sequence 38, Appl
23	513.5	92.0	226	4	US-09-456-090A-74	Sequence 74, Appl
24	512.5	91.8	226	4	US-09-456-090A-74	Sequence 74, Appl
25	512.5	91.8	226	4	US-09-453-234-74	Sequence 74, Appl
26	511.5	91.7	226	4	US-09-456-090A-42	Sequence 42, Appl
27	511.5	91.7	226	4	US-09-453-234-42	Sequence 42, Appl
28	511	91.6	129	2	US-08-480-774A-4	Sequence 4, Appli
29	508	91.0	108	1	US-07-634-278-86	Sequence 86, Appl
30	508	91.0	108	1	US-08-477-728-86	Sequence 86, Appl
31	508	91.0	108	1	US-08-474-040-86	Sequence 86, Appl
32	508	91.0	108	1	US-08-487-200-86	Sequence 86, Appl
33	508	90.8	108	3	US-08-484-537-86	Sequence 86, Appl
34	506.5	90.8	226	4	US-09-456-090A-72	Sequence 72, Appl
35	506.5	90.7	226	4	US-09-453-234-72	Sequence 72, Appl
36	506	90.7	107	4	US-08-635-109-7	Sequence 7, Appl
37	506	90.7	107	4	US-08-844-215-10	Sequence 10, Appl
38	505	90.5	150	3	US-08-862-124-5	Sequence 5, Appl
39	505	90.5	287	3	US-08-862-124-17	Sequence 17, Appl
40	505	90.5	304	3	US-08-862-124-14	Sequence 14, Appl
41	504.5	90.4	107	1	US-08-107-669D-14	Sequence 14, Appl
42	504.5	90.4	107	1	US-08-472-788A-14	Sequence 14, Appl
43	504.5	90.4	107	1	US-08-477-531B-14	Sequence 14, Appl
44	504.5	90.4	107	2	US-08-082-842A-14	Sequence 14, Appl
45	504.5	90.4	226	4	US-09-456-090A-38	Sequence 38, Appl
46	504.5	90.4	226	4	US-09-453-234-38	Sequence 38, Appl
47	500.5	89.7	224	4	US-09-456-090A-52	Sequence 52, Appl
48	500.5	89.7	224	4	US-09-453-234-52	Sequence 52, Appl
49	499	89.4	141	4	US-09-472-087-88	Sequence 88, Appl
50	497	89.1	108	1	US-08-276-852-99	Sequence 99, Appl
51	497	89.1	108	1	US-08-899-575-99	Sequence 99, Appl
52	497	89.1	108	1	US-08-899-575-99	Sequence 99, Appl
53	497	89.1	108	5	PCT-US95-08743-99	Sequence 99, Appl
54	495.5	88.8	234	4	US-09-472-087-17	Sequence 17, Appl
55	495.5	88.8	234	4	US-09-472-087-69	Sequence 69, Appl
56	495	88.7	108	1	US-08-276-852-86	Sequence 86, Appl
57	495	88.7	108	1	US-08-899-575-86	Sequence 86, Appl
58	495	88.7	108	5	PCT-US95-08743-86	Sequence 86, Appl
59	495	88.7	233	4	US-09-472-087-67	Sequence 67, Appl
60	495	88.6	233	4	US-09-472-087-76	Sequence 76, Appl
61	495	88.6	233	4	US-09-472-087-67	Sequence 76, Appl
62	494.5	88.6	224	4	US-09-456-090A-76	Sequence 76, Appl
63	494.5	88.6	224	4	US-09-453-234-76	Sequence 76, Appl
64	494.5	88.5	108	4	US-08-635-109-5	Sequence 5, Appli
65	494	88.5	107	1	US-08-276-852-86	Sequence 86, Appl
66	494	88.1	224	4	US-08-844-215-8	Sequence 8, Appl
67	491.5	88.1	224	4	US-09-456-090A-44	Sequence 78, Appl
68	491.5	88.1	224	4	US-09-456-090A-78	Sequence 44, Appl
69	491.5	88.1	224	4	US-09-453-234-44	Sequence 78, Appl
70	491.5	87.9	224	2	US-09-453-234-78	Sequence 44, Appl
71	490.5	87.7	107	4	US-08-652-558-49	Sequence 49, Appl
72	489.5	87.7	224	4	US-09-456-090A-40	Sequence 40, Appl
73	489.5	87.4	224	1	US-09-453-234-40	Sequence 40, Appl
74	487.5	87.3	134	3	US-08-405-034-4	Sequence 4, Appli
75	487	87.3	110	3	US-09-025-769B-30	Sequence 30, Appl
76	487	87.3	110	4	US-09-025-769B-47	Sequence 47, Appl
77	487	87.3	110	4	US-09-490-070A-30	Sequence 30, Appl
78	487	87.3	110	4	US-09-490-070A-47	Sequence 47, Appl
79	487	87.3	110	4	US-09-490-153-30	Sequence 47, Appl
80	487	87.3	110	4	US-09-490-153-47	Sequence 30, Appl
81	487	87.3	110	4	US-09-490-324-30	Sequence 47, Appl
82	486	87.1	104	4	US-09-490-324-47	Sequence 30, Appl
83	486	87.1	104	1	US-08-276-852-100	Sequence 47, Appl
84	486	87.1	104	1	US-08-899-575-100	Sequence 100, App
85	486	87.1	104	1	US-08-899-575-100	Sequence 100, App
86	486	87.1	104	5	PCT-US95-08743-100	Sequence 100, App
87	486	87.1	107	1	US-08-276-852-90	Sequence 90, Appl
88	486	87.1	107	1	US-08-899-575-90	Sequence 90, Appl
89	486	87.1	107	5	PCT-US95-08743-90	Sequence 90, Appl
90	485	86.9	109	4	US-09-472-087-87	Sequence 90, Appl
91	485	86.9	109	4	US-08-162-102C-23	Sequence 87, Appl
92	485	86.9	109	5	US-08-920-100B-23	Sequence 23, Appl
93	485	86.9	96	4	PCT-US93-08786-23	Sequence 23, Appl
94	485	86.9	116	4	US-09-472-087-87	Sequence 23, Appl
95	485	86.9	116	3	US-08-053-131-183	Sequence 87, Appl
96	485	86.9	116	3	US-08-096-762-183	Sequence 183, App
97	485	86.6	106	3	US-08-042-353-46	Sequence 183, App
98	483.5	86.6	109	1	US-08-758-417A-311	Sequence 46, Appl
99	482.5	86.5	109	1	US-08-844-215-14	Sequence 311, App
100	482.5	86.5	109	1	US-08-276-852-147	Sequence 14, Appl
					US-08-899-575-147	Sequence 147, App

No.	Score	Bits	Accession	Frame	Length	Description
101	482.5	86.5	US-08-899-575-147	1	109	Sequence 147, App
102	482.5	86.5	PCT-US95-08743-147	5	109	Sequence 147, App
103	482	86.4	US-08-276-852-110	1	108	Sequence 110, App
104	482	86.4	US-08-899-575-110	1	108	Sequence 110, App
105	482	86.4	US-08-899-575-110	1	108	Sequence 110, App
106	482	86.4	PCT-US95-08743-110	5	108	Sequence 110, App
107	481.5	86.3	US-09-472-087-21	4	146	Sequence 21, Appl
108	481.5	86.3	US-09-472-087-93	4	146	Sequence 93, Appl
109	477	85.5	US-08-276-852-87	1	107	Sequence 87, Appl
110	477	85.5	US-08-899-575-87	1	107	Sequence 87, Appl
111	477	85.5	US-08-899-575-87	1	107	Sequence 87, Appl
112	477	85.5	PCT-US95-08743-87	5	107	Sequence 87, Appl
113	474	84.9	US-09-472-087-19	4	142	Sequence 19, Appl
114	474	84.9	US-09-472-087-92	4	142	Sequence 92, Appl
115	473.5	84.9	US-09-472-087-91	4	141	Sequence 91, Appl
116	473	84.8	US-09-472-087-89	4	141	Sequence 89, Appl
117	471	84.4	US-08-844-215-12	4	107	Sequence 12, Appl
118	467.5	83.8	US-08-276-852-149	1	111	Sequence 149, App
119	467.5	83.8	US-08-899-575-149	1	111	Sequence 149, App
120	467.5	83.8	US-08-899-575-149	1	111	Sequence 149, App
121	467.5	83.8	PCT-US95-08743-149	5	111	Sequence 149, App
122	465.5	83.4	US-09-472-087-16	4	139	Sequence 16, Appl
123	465	83.4	US-09-472-087-90	4	139	Sequence 90, Appl
124	464.5	83.2	US-09-456-090A-82	4	224	Sequence 82, Appl
125	464.5	83.2	US-09-456-090A-88	4	224	Sequence 88, Appl
126	464.5	83.2	US-09-456-090A-90	4	224	Sequence 90, Appl
127	464.5	83.2	US-09-453-234-82	4	224	Sequence 82, Appl
128	464.5	83.2	US-09-453-234-88	4	224	Sequence 88, Appl
129	464.5	83.2	US-09-453-234-90	4	224	Sequence 90, Appl
130	462.5	82.9	US-09-456-090A-36	4	224	Sequence 36, Appl
131	462.5	82.9	US-09-453-234-36	4	224	Sequence 36, Appl
132	462	82.8	US-08-276-852-94	1	104	Sequence 94, Appl
133	462	82.8	US-08-899-575-94	1	104	Sequence 94, Appl
134	462	82.8	US-08-899-575-94	1	104	Sequence 94, Appl
135	462	82.8	PCT-US95-08743-94	5	104	Sequence 94, Appl
136	459.5	82.3	US-08-162-102C-24	4	109	Sequence 24, Appl
137	459.5	82.3	US-08-920-100B-24	4	109	Sequence 24, Appl
138	459.5	82.3	PCT-US93-08786-24	5	109	Sequence 24, Appl
139	459	82.3	US-08-480-753-6	2	214	Sequence 6, Appli
140	459	82.3	US-09-041-889-11	3	214	Sequence 11, Appl
141	459	82.3	US-08-837-058-11	3	214	Sequence 11, Appl
142	459	82.3	US-09-417-264-11	3	236	Sequence 11, Appl
143	459	82.3	US-09-315-926A-79	4	236	Sequence 79, Appl
144	458.5	82.2	US-08-276-852-93	1	105	Sequence 93, Appl
145	458.5	82.2	US-08-899-575-93	1	105	Sequence 93, Appl
146	458.5	82.2	US-08-899-575-93	1	105	Sequence 93, Appl
147	458.5	82.2	PCT-US95-08743-93	5	105	Sequence 93, Appl
148	458	82.1	US-08-276-852-151	1	112	Sequence 151, App
149	458	82.1	US-08-899-575-151	1	112	Sequence 151, App
150	458	82.1	US-08-899-575-151	1	112	Sequence 151, App
151	458	82.1	PCT-US95-08743-151	5	112	Sequence 151, App
152	457	81.9	US-08-276-852-88	1	108	Sequence 88, Appl
153	457	81.9	US-08-899-575-88	1	108	Sequence 88, Appl
154	457	81.9	US-08-899-575-88	1	108	Sequence 88, Appl
155	457	81.9	PCT-US95-08743-88	5	108	Sequence 88, Appl
156	456.5	81.8	US-09-456-090A-84	4	224	Sequence 84, Appl
157	456.5	81.8	US-09-453-234-84	4	224	Sequence 84, Appl
158	455	81.5	US-08-276-852-96	1	108	Sequence 96, Appl
159	455	81.5	US-08-899-575-96	1	108	Sequence 96, Appl
160	455	81.5	US-08-899-575-96	1	108	Sequence 96, Appl
161	455	81.5	PCT-US95-08743-96	5	108	Sequence 96, Appl
162	453.5	81.3	US-08-480-753-8	2	215	Sequence 8, Appli
163	453.5	81.3	US-09-456-090A-46	4	224	Sequence 46, Appl
164	453.5	81.3	US-09-453-234-46	4	224	Sequence 46, Appl
165	448.5	80.4	US-07-634-278-63	3	107	Sequence 63, Appl
166	448.5	80.4	US-07-634-278-87	3	107	Sequence 87, Appl
167	448.5	80.4	US-08-477-728-63	1	107	Sequence 63, Appl
168	448.5	80.4	US-08-477-728-87	1	107	Sequence 87, Appl
169	448.5	80.4	US-08-474-040-63	1	107	Sequence 63, Appl
170	448.5	80.4	US-08-474-040-87	1	107	Sequence 87, Appl
171	448.5	80.4	US-08-487-200-63	1	107	Sequence 63, Appl
172	448.5	80.4	US-08-487-200-87	1	107	Sequence 87, Appl
173	448.5	80.4	US-08-484-537-63	3	107	Sequence 63, Appl
174	448.5	80.4	US-08-484-537-87	3	107	Sequence 87, Appl
175	448	80.3	US-08-276-852-92	1	104	Sequence 92, Appl
176	448	80.3	US-08-899-575-92	1	104	Sequence 92, Appl
177	448	80.3	US-08-899-575-92	1	104	Sequence 92, Appl
178	448	80.3	PCT-US95-08743-92	5	104	Sequence 92, Appli
179	447	80.1	US-09-203-768A-4	3	117	Sequence 4, Appli
180	446.5	80.0	US-08-812-586-29	3	239	Sequence 29, Appl
181	446.5	80.0	US-09-535-832A-30	4	239	Sequence 30, Appl
182	444.5	79.7	US-09-438-954-40	3	107	Sequence 40, Appl
183	441	79.0	US-08-783-853A-44	3	107	Sequence 44, Appl
184	441	79.0	US-09-344-050-44	3	107	Sequence 44, Appli
185	439.5	78.8	US-09-899-896-4	4	100	Sequence 4, Appli
186	438	78.5	US-08-276-852-153	1	235	Sequence 153, App
187	438	78.5	US-08-899-575-153	1	235	Sequence 153, App
188	438	78.5	US-08-899-575-153	1	235	Sequence 153, App
189	438	78.5	PCT-US95-08743-153	5	235	Sequence 153, App
190	436.5	78.2	US-08-232-081B-9	2	107	Sequence 9, Appli
191	435.5	78.0	US-08-812-586-16	3	235	Sequence 16, Appl
192	435.5	78.0	US-09-535-832A-17	4	235	Sequence 17, Appl
193	434.5	77.9	US-08-476-176B-8	2	127	Sequence 8, Appli
194	434.5	77.9	US-08-476-176B-10	3	127	Sequence 10, Appl
195	434.5	77.9	US-08-127-721A-8	3	127	Sequence 8, Appli
196	434.5	77.9	US-08-127-721A-10	3	127	Sequence 10, Appli
197	434.5	77.9	US-08-485-246A-8	3	127	Sequence 8, Appli
198	434.5	77.9	US-08-485-246A-10	3	127	Sequence 10, Appli
199	429	76.9	US-08-276-852-115	1	107	Sequence 115, App
200	429	76.9	US-08-899-575-115	1	107	Sequence 115, App

ALIGNMENTS

RESULT 1
US-08-232-081B-42
; Sequence 42, Application US/08232081B
; Patent No. 5886152
GENERAL INFORMATION:
; APPLICANT: NAKATANI, TOMOYUKI
; APPLICANT: GOMI, HIDEYUKI
; APPLICANT: WIJDENES, JOHN
; APPLICANT: NOGUCHI, HIROSHI
; TITLE OF INVENTION: HUMANIZED B-B10
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
; STREET: PO BOX 747
; CITY: FALLS CHURCH
; STATE: VA
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,081B
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: SVENSSON, LEONARD R
; REGISTRATION NUMBER: 30,330
; REFERENCE/DOCKET NUMBER: 20-3484
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 205-8000
; TELEFAX: (703) 205-8050
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide

US-08-232-081B-42

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Query Match          95.0%;   Score 530; DB 2;  Length 108;
Best Local Similarity 94.4%;  Pred. No. 1.5e-42;
Matches 102; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
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Db   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQRPGQAPRLLIYGASSRATGIP 60

Qy  61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
        ||||||||||||||||||||||||||||||||||||| ||| :|||||
Db  61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPLTFGQGTKVEIK 108
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RESULT 2
US-09-025-769B-16
; Sequence 16, Application US/09025769B
; Patent No. 6300064
GENERAL INFORMATION:
;   APPLICANT: Knappik, Achim
;   APPLICANT: Pack, Peter
;   APPLICANT: Ilag, Vic
;   APPLICANT: Ge, Liming
;   APPLICANT: Moroney, Simon
;   APPLICANT: Plueckthun, Andreas
;   TITLE OF INVENTION: Protein/(Poly)peptide libraries
;   NUMBER OF SEQUENCES: 373
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
;   STREET: 1251 Avenue of the Americas
;   CITY: New York
;   STATE: New York
;   COUNTRY: USA
;   ZIP: 10021
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/025,769B
;   FILING DATE: 18-FEB-1998
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: EP 95 11 3021.0
;   FILING DATE: 18-AUG-1995
;   ATTORNEY/AGENT INFORMATION:
;   NAME: James F. Haley, Jr., Esq.
;   REGISTRATION NUMBER: 27,794
;   REFERENCE/DOCKET NUMBER: MORPHO/5
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (212)596-9000
;   TELEFAX: (212)596-9090
INFORMATION FOR SEQ ID NO: 16:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 109 amino acids
;   TYPE: amino acid
;   STRANDEDNESS:
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
US-09-025-769B-16

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Query Match          94.8%;   Score 529; DB 3;  Length 109;
Best Local Similarity 94.4%;  Pred. No. 1.9e-42;
Matches 102; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
        ||||||||||||||||||||||||||||||||||||||||||||| |||||
Db   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQRPGQAPRLLIYGASSRATGIP 60

Qy  61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
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Db  61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGNSPYTFGQGTKVEIK 108
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RESULT 3
US-09-490-070A-16
; Sequence 16, Application US/09490070A
; Patent No. 6696248
GENERAL INFORMATION:
;   APPLICANT: Knappik, Achim
;   APPLICANT: Pack, Peter
;   APPLICANT: Ilag, Vic
;   APPLICANT: Ge, Liming
;   APPLICANT: Moroney, Simon
;   APPLICANT: Plueckthun, Andreas
;   TITLE OF INVENTION: Protein/(Poly)peptide libraries
;   NUMBER OF SEQUENCES: 373
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman
;   White & McAuliffe
;   STREET: 1666 K Street, N.W., Suite 300
;   CITY: Washington
;   STATE: D.C.
;   COUNTRY: USA
;   ZIP: 20006
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/490,070A
;   FILING DATE: 24-Jan-2000
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: EP 95 11 3021.0
;   FILING DATE: 18-AUG-1995
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Colin G. Sandercock, Esq.
;   REGISTRATION NUMBER: 31,298
;   REFERENCE/DOCKET NUMBER: 37629-0005
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (202) 912-2000
;   TELEFAX: (202) 912-2020
INFORMATION FOR SEQ ID NO: 16:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 109 amino acids
;   TYPE: amino acid
;   STRANDEDNESS: <Unknown>
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
;   SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-490-070A-16

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Query Match          94.8%;   Score 529; DB 4;  Length 109;
Best Local Similarity 94.4%;  Pred. No. 1.9e-42;
Matches 102; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
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Db   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQRPGQAPRLLIYGASSRATGIP 60

Qy  61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
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Db  61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGNSPYTFGQGTKVEIK 108
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RESULT 4
US-09-490-153-16
; Sequence 16, Application US/09490153
; Patent No. 6706484
GENERAL INFORMATION:
;   APPLICANT: Knappik, Achim
;   APPLICANT: Pack, Peter
;   APPLICANT: Ilag, Vic
;   APPLICANT: Ge, Liming

Moroney, Simon
Plueckthun, Andreas
TITLE OF INVENTION: Protein/(Poly)peptide libraries
NUMBER OF SEQUENCES: 373
CORRESPONDENCE ADDRESS:
  ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
  STREET: 1251 Avenue of the Americas
  CITY: New York
  STATE: New York
  COUNTRY: USA
  ZIP: 10021
COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/09/490,153
  FILING DATE: 24-Jan-2000
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US/09/025,769B
  FILING DATE: 18-FEB-1998
  APPLICATION NUMBER: EP 95 11 3021.0
  FILING DATE: 18-AUG-1995
ATTORNEY/AGENT INFORMATION:
  NAME: James F. Haley, Jr., Esq.
  REGISTRATION NUMBER: 27,794
  REFERENCE/DOCKET NUMBER: MORPHO/5
TELECOMMUNICATION INFORMATION:
  TELEPHONE: (212)596-9000
  TELEFAX: (212)596-9090
INFORMATION FOR SEQ ID NO: 16:
  SEQUENCE CHARACTERISTICS:
  LENGTH: 109 amino acids
  TYPE: amino acid
  STRANDEDNESS: <Unknown>
  TOPOLOGY: linear
  MOLECULE TYPE: protein
  SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-490-153-16

Query Match   94.8%; Score 529; DB 4; Length 109;
Best Local Similarity 94.4%; Pred. No. 1.9e-42;
Matches 102; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
       ||||||||||||||||||||||||||||||||||||||||||||||| ||||||||
Db 1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy 61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
       |||||||||||||||||||||||||||||:|| ::|||||||
Db 61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGNSPYTFGQGTKVEIK 108

RESULT 5
US-09-490-324-16
; Sequence 16, Application US/09490324
; Patent No. 6828422
; GENERAL INFORMATION:
  APPLICANT: Knappik, Achim
             Pack, Peter
             Ilag, Vic
             Ge, Liming
             Moroney, Simon
             Plueckthun, Andreas
TITLE OF INVENTION: Protein/(Poly)peptide libraries
NUMBER OF SEQUENCES: 373
CORRESPONDENCE ADDRESS:
  ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
  STREET: 1251 Avenue of the Americas
  CITY: New York
  STATE: New York
  COUNTRY: USA

  ZIP: 10021
COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/09/490,324
  FILING DATE: 24-Jan-2000
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US/09/025,769
  FILING DATE: 18-FEB-1998
  APPLICATION NUMBER: EP 95 11 3021.0
  FILING DATE: 18-AUG-1995
ATTORNEY/AGENT INFORMATION:
  NAME: James F. Haley, Jr., Esq.
  REGISTRATION NUMBER: 27,794
  REFERENCE/DOCKET NUMBER: MORPHO/5
TELECOMMUNICATION INFORMATION:
  TELEPHONE: (212)596-9000
  TELEFAX: (212)596-9090
INFORMATION FOR SEQ ID NO: 16:
  SEQUENCE CHARACTERISTICS:
  LENGTH: 109 amino acids
  TYPE: amino acid
  STRANDEDNESS: <Unknown>
  TOPOLOGY: linear
  MOLECULE TYPE: protein
  SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-490-324-16

Query Match   94.8%; Score 529; DB 4; Length 109;
Best Local Similarity 94.4%; Pred. No. 1.9e-42;
Matches 102; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
       ||||||||||||||||||||||||||||||||||||||||||||||| ||||||||
Db 1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy 61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
       |||||||||||||||||||||||||||||:|| ::|||||||
Db 61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGNSPYTFGQGTKVEIK 108

RESULT 6
US-08-488-113B-150
; Sequence 150, Application US/08488113B
; Patent No. 5744580
; GENERAL INFORMATION:
  APPLICANT: Better, Marc D.
  APPLICANT: Carroll, Stephen F.
  APPLICANT: Studnika, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
TITLE OF INVENTION: Proteins
NUMBER OF SEQUENCES: 169
CORRESPONDENCE ADDRESS:
  ADDRESSEE: McAndrews, Held & Malloy, Ltd.
  STREET: 500 West Madison Street, 34th floor
  CITY: Chicago
  STATE: Illinois
  COUNTRY: USA
  ZIP: 60661
COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/488,113B
  FILING DATE: 07-JUN-1995
  CLASSIFICATION: 530
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US 08/425,336

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;      FILING DATE:  18-APR-1995
;   PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/064,691
;      FILING DATE:  12-MAY-1993
;   PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/988,430
;      FILING DATE:  09-DEC-1992
;   PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/901,707
;      FILING DATE:  19-JUN-1992
;   PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/787,567
;      FILING DATE:  04-NOV-1991
;   ATTORNEY/AGENT INFORMATION:
;      NAME:  McNicholas, Janet M.
;      REGISTRATION NUMBER:  32,918
;      REFERENCE/DOCKET NUMBER:  11022US07/200-70.P3.C2A
;   TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  312/707-8889
;      TELEFAX:  312/707-9155
;      TELEX:  650 388-1248
; INFORMATION FOR SEQ ID NO:  150:
;   SEQUENCE CHARACTERISTICS:
;      LENGTH:  108 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  double
;      TOPOLOGY:  linear
;      MOLECULE TYPE:  protein
US-08-488-113B-150

  Query Match    94.1%;  Score 525;  DB 1;  Length 108;
  Best Local Similarity  94.4%;  Pred. No. 4.4e-42;
  Matches 102;  Conservative  2;  Mismatches  4;  Indels  0;  Gaps  0;

Qy     1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
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Db     1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy    61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
           |||||||||||||||||||||||||||||||:||||:|:|||||||||
Db    61 DRFSGSGSGTDFTLTISRLEPGDFAVYYCQQYGSSPXTFGQGTKVEIK 108


RESULT 7
US-08-477-484B-150
;  Sequence 150, Application US/08477484B
;  Patent No. 5756699
;  GENERAL INFORMATION:
;     APPLICANT:  Better, Marc D.
;     APPLICANT:  Carroll, Stephen F.
;     APPLICANT:  Studnika, Gary M.
;     TITLE OF INVENTION:  Immunotoxins Comprising Ribosome-Inactivating
;     TITLE OF INVENTION:  Proteins
;     NUMBER OF SEQUENCES:  169
;     CORRESPONDENCE ADDRESS:
;        ADDRESSEE:  McAndrews, Held & Malloy, Ltd.
;        STREET:  500 West Madison Street, 34th floor
;        CITY:  Chicago
;        STATE:  Illinois
;        COUNTRY:  USA
;        ZIP:  60661
;     COMPUTER READABLE FORM:
;        MEDIUM TYPE:  Floppy disk
;        COMPUTER:  IBM PC compatible
;        OPERATING SYSTEM:  PC-DOS/MS-DOS
;        SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;        APPLICATION NUMBER:  US/08/477,484B
;        FILING DATE:  07-JUN-1995
;        CLASSIFICATION:  530
;     PRIOR APPLICATION DATA:
;        APPLICATION NUMBER:  US 08/425,336
;        FILING DATE:  18-APR-1995
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;   PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/064,691
;      FILING DATE:  12-MAY-1993
;   PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/988,430
;      FILING DATE:  09-DEC-1992
;   PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/901,707
;      FILING DATE:  19-JUN-1992
;   PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/787,567
;      FILING DATE:  04-NOV-1991
;   ATTORNEY/AGENT INFORMATION:
;      NAME:  McNicholas, Janet M.
;      REGISTRATION NUMBER:  32,918
;      REFERENCE/DOCKET NUMBER:  11022US07/200-70.P3.C2A
;   TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  312/707-8889
;      TELEFAX:  312/707-9155
;      TELEX:  650 388-1248
; INFORMATION FOR SEQ ID NO:  150:
;   SEQUENCE CHARACTERISTICS:
;      LENGTH:  108 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  double
;      TOPOLOGY:  linear
;      MOLECULE TYPE:  protein
US-08-477-484B-150

  Query Match    94.1%;  Score 525;  DB 1;  Length 108;
  Best Local Similarity  94.4%;  Pred. No. 4.4e-42;
  Matches 102;  Conservative  2;  Mismatches  4;  Indels  0;  Gaps  0;

Qy     1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
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Db     1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy    61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
           |||||||||||||||||||||||||||||||:|||:::|||||||||
Db    61 DRFSGSGSGTDFTLTISRLEPGDFAVYYCQQYGSSPXTFGQGTKVEIK 108


RESULT 8
US-08-646-360-150
;  Sequence 150, Application US/08646360
;  Patent No. 5837491
;  GENERAL INFORMATION:
;     APPLICANT:  Better, Marc D.
;     APPLICANT:  Carroll, Stephen F.
;     APPLICANT:  Studnika, Gary M.
;     TITLE OF INVENTION:  Immunotoxins Comprising Ribosome-Inactivating
;     TITLE OF INVENTION:  Proteins
;     NUMBER OF SEQUENCES:  173
;     CORRESPONDENCE ADDRESS:
;        ADDRESSEE:  McAndrews, Held & Malloy, Ltd.
;        STREET:  500 West Madison Street, 34th floor
;        CITY:  Chicago
;        STATE:  Illinois
;        COUNTRY:  USA
;        ZIP:  60661
;     COMPUTER READABLE FORM:
;        MEDIUM TYPE:  Floppy disk
;        COMPUTER:  IBM PC compatible
;        OPERATING SYSTEM:  PC-DOS/MS-DOS
;        SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;        APPLICATION NUMBER:  US/08/646,360
;        FILING DATE:  13-MAY-1996
;        CLASSIFICATION:  530
;     PRIOR APPLICATION DATA:
;        APPLICATION NUMBER:  PCT/US94/05348
;        FILING DATE:  12-MAY-1994
;     PRIOR APPLICATION DATA:
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          APPLICATION NUMBER: US 08/064,691
          FILING DATE: 12-MAY-1993
        PRIOR APPLICATION DATA:
          APPLICATION NUMBER: US 07/988,430
          FILING DATE: 09-DEC-1992
        PRIOR APPLICATION DATA:
          APPLICATION NUMBER: US 07/901,707
          FILING DATE: 19-JUN-1992
        PRIOR APPLICATION DATA:
          APPLICATION NUMBER: US 07/787,567
          FILING DATE: 04-NOV-1991
        ATTORNEY/AGENT INFORMATION:
          NAME: McNicholas, Janet M.
          REGISTRATION NUMBER: 32,918
          REFERENCE/DOCKET NUMBER: 200-70.P4
        TELECOMMUNICATION INFORMATION:
          TELEPHONE: 312/707-8889
          TELEFAX: 312/707-9155
          TELEX: 650 388-1248
  INFORMATION FOR SEQ ID NO: 150:
      SEQUENCE CHARACTERISTICS:
          LENGTH: 108 amino acids
          TYPE: amino acid
          STRANDEDNESS: double
          TOPOLOGY: linear
      MOLECULE TYPE: protein
US-08-646-360-150

Query Match             94.1%;   Score 525;  DB 2;  Length 108;
Best Local Similarity   94.4%;   Pred. No. 4.4e-42;
Matches  102;  Conservative  2;  Mismatches  4;  Indels  0;  Gaps  0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
        |||||||||||||||||||||||||||||||||||||||||||||||||| ||||||||
Db   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy  61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
        |||||||||||||||||||||||||||||||| ||||||||| ||||
Db  61 DRFSGSGSGTDFTLTISRLEPGDFAVYYCQQYGSSPXTFGQGTKVEIK 108


RESULT 9
US-08-839-765-150
; Sequence 150, Application US/08839765
; Patent No. 6146631
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 169
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
; STREET: 500 West Madison Street, 34th floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/839,765
; FILING DATE: 15-APR-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/425,336
; FILING DATE: 18-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/064,691
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          FILING DATE: 12-MAY-1993
        PRIOR APPLICATION DATA:
          APPLICATION NUMBER: US 07/988,430
          FILING DATE: 09-DEC-1992
        PRIOR APPLICATION DATA:
          APPLICATION NUMBER: US 07/901,707
          FILING DATE: 19-JUN-1992
        PRIOR APPLICATION DATA:
          APPLICATION NUMBER: US 07/787,567
          FILING DATE: 04-NOV-1991
        ATTORNEY/AGENT INFORMATION:
          NAME: McNicholas, Janet M.
          REGISTRATION NUMBER: 32,918
          REFERENCE/DOCKET NUMBER: 11022US09/200-70.P3.C3
        TELECOMMUNICATION INFORMATION:
          TELEPHONE: 312/707-8889
          TELEFAX: 312/707-9155
          TELEX: 650 388-1248
  INFORMATION FOR SEQ ID NO: 150:
      SEQUENCE CHARACTERISTICS:
          LENGTH: 108 amino acids
          TYPE: amino acid
          STRANDEDNESS: double
          TOPOLOGY: linear
      MOLECULE TYPE: protein
US-08-839-765-150

Query Match             94.1%;   Score 525;  DB 3;  Length 108;
Best Local Similarity   94.4%;   Pred. No. 4.4e-42;
Matches  102;  Conservative  2;  Mismatches  4;  Indels  0;  Gaps  0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
        |||||||||||||||||||||||||||||||||||||||||||||||||| ||||||||
Db   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy  61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
        |||||||||||||||||||||||||||||||| ||||||||| ||||
Db  61 DRFSGSGSGTDFTLTISRLEPGDFAVYYCQQYGSSPXTFGQGTKVEIK 108


RESULT 10
US-09-136-389-150
; Sequence 150, Application US/09136389
; Patent No. 6146850
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 173
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
; STREET: 500 West Madison Street, 34th floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/136,389
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/646,360
; FILING DATE: 13-MAY-1996
; APPLICATION NUMBER: PCT/US94/05348
; FILING DATE: 12-MAY-1994
; PRIOR APPLICATION DATA:
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;    APPLICATION NUMBER: US 08/064,691
;    FILING DATE: 12-MAY-1993
;  PRIOR APPLICATION DATA:
;    APPLICATION NUMBER: US 07/988,430
;    FILING DATE: 09-DEC-1992
;  PRIOR APPLICATION DATA:
;    APPLICATION NUMBER: US 07/901,707
;    FILING DATE: 19-JUN-1992
;  PRIOR APPLICATION DATA:
;    APPLICATION NUMBER: US 07/787,567
;    FILING DATE: 04-NOV-1991
;  ATTORNEY/AGENT INFORMATION:
;    NAME: McNicholas, Janet M.
;    REGISTRATION NUMBER: 32,918
;    REFERENCE/DOCKET NUMBER: 200-70.P4
;  TELECOMMUNICATION INFORMATION:
;    TELEPHONE: 312/707-8889
;    TELEFAX: 312/707-9155
;    TELEX: 650 388-1248
; INFORMATION FOR SEQ ID NO: 150:
;  SEQUENCE CHARACTERISTICS:
;    LENGTH: 108 amino acids
;    TYPE: amino acid
;    STRANDEDNESS: double
;    TOPOLOGY: linear
;    MOLECULE TYPE: protein
; US-09-136-389-150

Query Match        94.1%;    Score 525;  DB 3;  Length 108;
Best Local Similarity  94.4%;   Pred. No. 4.4e-42;
Matches  102;  Conservative    2;  Mismatches    4;  Indels    0;  Gaps    0;

Qy     1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
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Db     1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy    61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
           ||||||||||||||||||||||||||||   |||||| : ||||||||
Db    61 DRFSGSGSGTDFTLTISRLEPGDFAVYYCQQYGSSPXTFGQGTKVEIK 108
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RESULT 11
US-09-610-838-150
; Sequence 150, Application US/09610838
; Patent No. 6376217
; GENERAL INFORMATION:
;   APPLICANT: Better, Marc D.
;   APPLICANT: Carroll, Stephen F.
;   APPLICANT: Studnika, Gary M.
;   TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
;   TITLE OF INVENTION: Proteins
;   NUMBER OF SEQUENCES: 173
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: McAndrews, Held & Malloy, Ltd.
;   STREET: 500 West Madison Street, 34th floor
;   CITY: Chicago
;   STATE: Illinois
;   COUNTRY: USA
;   ZIP: 60661
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/610,838
;   FILING DATE: 06-JUL-2000
;   CLASSIFICATION:
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US/09/136,389
;   FILING DATE: 18-AUG-1998
;   APPLICATION NUMBER: 08/646,360
;   FILING DATE: 13-MAY-1996

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;    APPLICATION NUMBER: PCT/US94/05348
;    FILING DATE: 12-MAY-1994
;  PRIOR APPLICATION DATA:
;    APPLICATION NUMBER: US 08/064,691
;    FILING DATE: 12-MAY-1993
;  PRIOR APPLICATION DATA:
;    APPLICATION NUMBER: US 07/988,430
;    FILING DATE: 09-DEC-1992
;  PRIOR APPLICATION DATA:
;    APPLICATION NUMBER: US 07/901,707
;    FILING DATE: 19-JUN-1992
;  PRIOR APPLICATION DATA:
;    APPLICATION NUMBER: US 07/787,567
;    FILING DATE: 04-NOV-1991
;  ATTORNEY/AGENT INFORMATION:
;    NAME: McNicholas, Janet M.
;    REGISTRATION NUMBER: 32,918
;    REFERENCE/DOCKET NUMBER: 200-70.P4
;  TELECOMMUNICATION INFORMATION:
;    TELEPHONE: 312/707-8889
;    TELEFAX: 312/707-9155
;    TELEX: 650 388-1248
; INFORMATION FOR SEQ ID NO: 150:
;  SEQUENCE CHARACTERISTICS:
;    LENGTH: 108 amino acids
;    TYPE: amino acid
;    STRANDEDNESS: double
;    TOPOLOGY: linear
;    MOLECULE TYPE: protein
; US-09-610-838-150

Query Match        94.1%;    Score 525;  DB 3;  Length 108;
Best Local Similarity  94.4%;   Pred. No. 4.4e-42;
Matches  102;  Conservative    2;  Mismatches    4;  Indels    0;  Gaps    0;

Qy     1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
           ||||||||||||||||||||||||||||||||||||||||| ||||||||||
Db     1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy    61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
           ||||||||||||||||||||||||||||   |||||| : ||||||||
Db    61 DRFSGSGSGTDFTLTISRLEPGDFAVYYCQQYGSSPXTFGQGTKVEIK 108
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RESULT 12
US-09-711-485-150
; Sequence 150, Application US/09711485
; Patent No. 6649742
; GENERAL INFORMATION:
;   APPLICANT: Better, Marc D.
;   APPLICANT: Carroll, Stephen F.
;   APPLICANT: Studnika, Gary M.
;   TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
;   TITLE OF INVENTION: Proteins
;   NUMBER OF SEQUENCES: 169
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: McAndrews, Held & Malloy, Ltd.
;   STREET: 500 West Madison Street, 34th floor
;   CITY: Chicago
;   STATE: Illinois
;   COUNTRY: USA
;   ZIP: 60661
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/711,485
;   FILING DATE:
;   CLASSIFICATION:
;   PRIOR APPLICATION DATA: 08/839,765
;   APPLICATION NUMBER: 08/839,765
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,         FILING DATE:
,     PRIOR APPLICATION DATA:
,         APPLICATION NUMBER: US 08/064,691
,         FILING DATE: 12-MAY-1993
,     PRIOR APPLICATION DATA:
,         APPLICATION NUMBER: US 07/988,430
,         FILING DATE: 09-DEC-1992
,     PRIOR APPLICATION DATA:
,         APPLICATION NUMBER: US 07/901,707
,         FILING DATE: 19-JUN-1992
,     PRIOR APPLICATION DATA:
,         APPLICATION NUMBER: US 07/787,567
,         FILING DATE: 04-NOV-1991
,     ATTORNEY/AGENT INFORMATION:
,         NAME: McNicholas, Janet M.
,         REGISTRATION NUMBER: 32,918
,         REFERENCE/DOCKET NUMBER: 11022US09/200-70.P3.C3
,     TELECOMMUNICATION INFORMATION:
,         TELEPHONE: 312/707-8889
,         TELEFAX: 312/707-9155
,         TELEX: 650 388-1248
; INFORMATION FOR SEQ ID NO: 150:
;     SEQUENCE CHARACTERISTICS:
;         LENGTH: 108 amino acids
;         TYPE: amino acid
;         STRANDEDNESS: double
;         TOPOLOGY: linear
;     MOLECULE TYPE: protein
US-09-711-485-150

Query Match             94.1%;  Score  525;  DB 4;  Length 108;
Best Local Similarity   94.4%;
Matches  102;  Conservative   2;  Mismatches   4;  Indels   0;  Gaps   0;

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Db          1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy         61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
              |||||||||||||||||||||| ||||||||||||||  :|||||||||
Db         61 DRFSGSGSGTDFTLTISRLEPGDFAVYYCQQYGSSPXTFGQGTKVEIK 108


RESULT 13
US-09-456-090A-50
; Sequence 50, Application US/09456090A
; Patent No. 6680209
; GENERAL INFORMATION:
;     APPLICANT: Buechler, Joe
;     APPLICANT: Valkirs, Gunars
;     APPLICANT: Gray, Jeff
;     APPLICANT: Lonberg, Nils
;     TITLE OF INVENTION: HUMAN ANTIBODIES AS DIAGNOSTIC REAGENTS
;     FILE REFERENCE: 020015-0002000US
;     CURRENT APPLICATION NUMBER: US/09/456,090A
;     CURRENT FILING DATE: 1999-12-06
;     NUMBER OF SEQ ID NOS: 110
;     SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
;     LENGTH: 226
;     TYPE: PRT
;     ORGANISM: Homo sapiens
;     OTHER INFORMATION: M1-23L
US-09-456-090A-50

Query Match             94.0%;  Score  524.5;  DB 4;  Length 226;
Best Local Similarity   95.4%;  Pred. No. 1.1e-41;
Matches  104;  Conservative   1;  Mismatches   3;  Indels   1;  Gaps   1;

Qy          1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
              |||||||||||||||||||||||||||||||||||||||||||||||||| |||||||||
Db          1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy         61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSS-PCSFGQGTKLEIK 108
              ||||||||||||||||||||||||||||||||||| :||||||||||||
Db         61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPPYTFGQGTKLEIK 109


RESULT 14
US-09-456-090A-86
; Sequence 86, Application US/09456090A
; Patent No. 6680209
; GENERAL INFORMATION:
;     APPLICANT: Buechler, Joe
;     APPLICANT: Valkirs, Gunars
;     APPLICANT: Gray, Jeff
;     APPLICANT: Lonberg, Nils
;     TITLE OF INVENTION: HUMAN ANTIBODIES AS DIAGNOSTIC REAGENTS
;     FILE REFERENCE: 020015-0002000US
;     CURRENT APPLICATION NUMBER: US/09/456,090A
;     CURRENT FILING DATE: 1999-12-06
;     NUMBER OF SEQ ID NOS: 110
;     SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 86
;     LENGTH: 226
;     TYPE: PRT
;     ORGANISM: Homo sapiens
;     OTHER INFORMATION: M2-33L
US-09-456-090A-86

Query Match             94.0%;  Score  524.5;  DB 4;  Length 226;
Best Local Similarity   95.4%;  Pred. No. 1.1e-41;
Matches  104;  Conservative   1;  Mismatches   3;  Indels   1;  Gaps   1;

Qy          1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
              |||||||||||||||||||||||||||||||||||||||||||||||||| |||||||||
Db          1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy         61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSS-PCSFGQGTKLEIK 108
              ||||||||||||||||||||||||||||||||||| :||||||||||||
Db         61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPPYTFGQGTKLEIK 109


RESULT 15
US-09-453-234-50
; Sequence 50, Application US/09453234
; Patent No. 6794132
; GENERAL INFORMATION:
;     APPLICANT: Buechler, Joe
;     APPLICANT: Valkirs, Gunars
;     APPLICANT: Gray, Jeff
;     APPLICANT: Lonberg, Nils
;     APPLICANT: Biosite Diagnostics, Inc.
;     APPLICANT: GenPharm International
;     TITLE OF INVENTION: Human Antibodies
;     FILE REFERENCE: 020015-0001110US
;     CURRENT APPLICATION NUMBER: US/09/453,234
;     CURRENT FILING DATE: 1999-12-01
;     PRIOR APPLICATION NUMBER: US 60/157,415
;     PRIOR FILING DATE: 1999-10-02
;     NUMBER OF SEQ ID NOS: 112
;     SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
;     LENGTH: 226
;     TYPE: PRT
;     ORGANISM: Homo sapiens
;     OTHER INFORMATION: M1-23L
US-09-453-234-50

Query Match             94.0%;  Score  524.5;  DB 4;  Length 226;
Best Local Similarity   95.4%;  Pred. No. 1.1e-41;
Matches  104;  Conservative   1;  Mismatches   3;  Indels   1;  Gaps   1;

Qy          1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
              |||||||||||||||||||||||||||||||||||||||||||||||||| |||||||||
Db          1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60
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Qy    61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSS-PCSFGQGTKLEIK 108
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Db    61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPPYTFGQGTKLEIK 109
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Search completed: September 29, 2005, 09:14:42
Job time : 18.6867 secs

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OM protein - protein search, using sw model

Copyright (c) 1993 - 2005 Compugen Ltd.
GenCore version 5.1.6

Run on: September 29, 2005, 09:12:55 ; Search time 106.609 Seconds
(without alignments)
420.531 Million cell updates/sec

Title: US-10-041-860-49
Perfect score: 558
Sequence: 1 EIVLTQSPGTLSLSPGERAT.........CQQYGSSPCSFGQGTKLEIK 108

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5
Searched: 1846076 seqs, 41516000 residues
Total number of hits satisfying chosen parameters: 1846076

Minimum DB seq length: 0
Maximum DB seq length: 200000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 200 summaries

Database : Published_Applications_AA:*
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
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11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
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22: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Query Match	Length	DB Length	ID	Description
1	558	100.0	558	108	14	US-10-041-860-49	Sequence 49, Appl
2	558	100.0	558	108	14	US-10-041-860-225	Sequence 225, App
3	558	100.0	558	108	14	US-10-041-860-259	Sequence 259, App
4	558	100.0	558	108	14	US-10-041-860-375	Sequence 375, App
5	558	100.0	558	108	16	US-10-665-383-4	Sequence 4, Appli
6	535	95.9	535	108	17	US-10-891-658-84	Sequence 84, Appl
7	535	95.9	535	108	17	US-10-891-658-131	Sequence 131, App
8	535	95.9	128	108	18	US-10-910-901-18	Sequence 18, Appl
9	533	95.5	108	15	US-10-309-762-156	Sequence 156, App
10	533	95.5	130	16	US-10-693-629-46	Sequence 46, Appl
11	532	95.3	108	15	US-10-307-724-123	Sequence 123, App

No.	Score	%	Length	Count	Accession	Description
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13	532	95.3	109	17	US-10-725-962-27	Sequence 27, App
14	532	95.3	120	17	US-10-506-743-2	Sequence 2, Appli
15	532	95.3	130	16	US-10-737-290-161	Sequence 161, App
16	532	95.3	215	15	US-10-307-724-122	Sequence 122, App
17	532	95.3	215	16	US-10-737-290-122	Sequence 122, App
18	532	95.3	239	16	US-10-737-290-142	Sequence 142, App
19	530	95.0	384	15	US-10-291-265-804	Sequence 804, App
20	530	95.0	384	15	US-10-291-265-805	Sequence 805, App
21	530	95.0	384	15	US-10-291-265-806	Sequence 806, App
22	530	94.8	384	15	US-10-291-265-807	Sequence 807, App
23	529	94.8	108	15	US-10-269-711-21	Sequence 21, Appl
24	529	94.6	108	16	US-10-684-109-21	Sequence 21, Appl
25	528	94.6	108	20	US-09-948-939-9	Sequence 9, Appli
26	528	94.3	108	15	US-11-040-846-9	Sequence 9, Appli
27	526	94.3	109	15	US-10-338-366-4	Sequence 4, Appli
28	526	94.3	109	15	US-10-371-942-112	Sequence 112, App
29	526	94.3	109	17	US-10-726-332-210	Sequence 210, App
30	526	94.3	109	17	US-10-938-353-114	Sequence 114, App
31	526	94.3	235	17	US-10-938-353-60	Sequence 60, Appl
32	525.5	94.2	131	16	US-10-478-056-27	Sequence 27, Appl
33	525	94.1	106	15	US-10-309-762-163	Sequence 163, App
34	525	94.1	108	14	US-10-127-890-150	Sequence 150, App
35	525	94.1	108	17	US-10-717-243-150	Sequence 150, App
36	524.5	94.0	109	14	US-10-073-644C-8	Sequence 8, Appli
37	524.5	94.0	109	20	US-11-009-731-94	Sequence 94, Appl
38	524.5	94.0	226	10	US-09-453-234-50	Sequence 50, Appl
39	524.5	94.0	226	10	US-09-453-234-86	Sequence 86, Appl
40	524	93.9	108	15	US-10-309-762-43	Sequence 43, Appl
41	524	93.9	109	17	US-10-477-830-89	Sequence 89, Appl
42	523	93.7	108	15	US-10-292-088-113	Sequence 113, App
43	522.5	93.6	109	14	US-10-223-880-8	Sequence 8, Appli
44	522	93.5	108	9	US-09-948-939-7	Sequence 7, Appli
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46	522	93.5	109	15	US-10-371-942-64	Sequence 64, Appl
47	522	93.5	109	17	US-10-725-962-28	Sequence 28, Appl
48	522	93.5	235	17	US-10-938-353-32	Sequence 32, Appl
49	521.5	93.4	109	17	US-10-982-359-63	Sequence 63, Appl
50	521	93.4	117	17	US-10-783-311-302	Sequence 302, App
51	521	93.4	235	14	US-10-153-382-7	Sequence 7, Appli
52	521	93.4	235	16	US-10-612-497-14	Sequence 14, Appl
53	521	93.4	235	16	US-10-612-497-65	Sequence 65, Appl
54	521	93.4	235	16	US-10-776-649-14	Sequence 14, Appl
55	520.5	93.4	235	16	US-10-776-649-65	Sequence 65, Appl
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61	519	93.0	108	20	US-11-009-731-84	Sequence 84, Appl
62	519	93.0	120	16	US-10-714-353-8	Sequence 8, Appli
63	519	93.0	130	15	US-10-469-304-19	Sequence 19, Appl
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65	518.5	92.9	109	16	US-10-737-252-133	Sequence 133, App
66	518.5	92.9	226	10	US-09-453-234-80	Sequence 80, Appl
67	518.5	92.9	236	9	US-09-859-053-34	Sequence 34, Appl
68	518.5	92.9	236	16	US-10-625-105-34	Sequence 34, Appl
69	518.5	92.9	236	18	US-10-800-250-34	Sequence 34, Appl
70	518	92.8	108	10	US-09-848-798-178	Sequence 178, App
71	518	92.8	235	17	US-10-938-353-44	Sequence 44, Appl
72	517.5	92.7	107	17	US-10-891-658-86	Sequence 86, Appl
73	517.5	92.7	109	17	US-10-982-359-4	Sequence 4, Appli
74	517	92.7	108	17	US-10-891-658-82	Sequence 82, Appl
75	517	92.7	109	16	US-10-487-525-64	Sequence 64, Appl
76	516	92.5	109	14	US-10-067-800-70	Sequence 70, Appl
77	516	92.5	109	18	US-10-994-679-70	Sequence 70, Appl
78	516	92.5	120	16	US-10-714-353-4	Sequence 4, Appli
79	516	92.5	120	16	US-10-714-353-12	Sequence 12, Appl
80	514.5	92.2	113	18	US-10-916-840-104	Sequence 104, App
81	514	92.1	109	15	US-10-371-942-104	Sequence 104, App
82	513.5	92.0	109	20	US-11-009-731-88	Sequence 88, Appl
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86	513	91.9	US-10-180-648-14	15	108	Sequence 14, Appl
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88	513	91.9	US-10-916-758-16	15	215	Sequence 16, Appl
89	513	91.9	US-10-180-648-4	15	235	Sequence 4, Appli
90	512.5	91.8	US-10-371-942-36	15	108	Sequence 36, Appl
91	512.5	91.8	US-11-009-731-86	20	109	Sequence 86, Appl
92	512.5	91.8	US-10-726-332-213	17	110	Sequence 213, App
93	512.5	91.8	US-09-453-234-74	10	226	Sequence 74, Appl
94	512	91.8	US-10-309-762-39	15	108	Sequence 39, Appl
95	512	91.8	US-11-021-715-95	20	108	Sequence 95, Appl
96	511.5	91.7	US-10-714-353-16	16	119	Sequence 16, Appl
97	511.5	91.7	US-09-453-234-42	15	226	Sequence 42, Appl
98	511	91.6	US-10-726-332-14	17	109	Sequence 14, Appl
99	511	91.6	US-10-291-265-332	15	307	Sequence 332, App
100	511	91.6	US-10-291-265-334	15	312	Sequence 334, App
101	510.5	91.5	US-11-009-731-89	20	107	Sequence 89, Appl
102	510.5	91.5	US-10-312-316-54	16	112	Sequence 54, Appl
103	510	91.4	US-10-041-860-47	15	108	Sequence 47, Appl
104	510	91.4	US-10-041-860-226	14	108	Sequence 226, App
105	510	91.4	US-10-041-860-260	14	108	Sequence 260, App
106	510	91.4	US-10-041-860-369	14	108	Sequence 369, App
107	510	91.4	US-10-665-383-72	16	108	Sequence 72, Appl
108	510	91.4	US-10-371-942-52	15	109	Sequence 52, Appl
109	510	91.4	US-10-371-942-60	15	109	Sequence 60, Appl
110	510	91.4	US-10-726-332-4	17	109	Sequence 4, Appli
111	509	91.2	US-09-300-425B-21	15	108	Sequence 21, Appl
112	509	91.2	US-10-321-558-32	14	108	Sequence 32, Appl
113	509	91.2	US-10-336-041A-1	15	238	Sequence 1, Appli
114	509	91.2	US-09-880-748-1499	10	253	Sequence 1499, Ap
115	509	91.2	US-10-293-418-1499	15	253	Sequence 1499, Ap
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117	508.5	91.1	US-10-624-884-29	16	127	Sequence 29, Appl
118	508.5	91.1	US-10-895-183-29	17	127	Sequence 29, Appl
119	508.5	91.1	US-09-880-748-1264	10	246	Sequence 1264, Ap
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122	508	91.0	US-10-389-417-73	15	108	Sequence 73, Appl
123	508	91.0	US-11-070-697-15	20	108	Sequence 15, Appl
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129	506.5	90.8	US-09-453-234-72	10	226	Sequence 72, Appl
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131	506.5	90.8	US-10-293-418-1219	15	251	Sequence 1219, Ap
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133	506	90.7	US-10-044-569B-4	14	107	Sequence 4, Appli
134	505	90.5	US-10-726-332-6	17	142	Sequence 6, Appli
135	505	90.5	US-09-782-397-5	10	109	Sequence 5, Appli
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137	505	90.5	US-10-966-097A-1	17	238	Sequence 1, Appli
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143	505	90.5	US-10-966-097A-20	17	242	Sequence 20, Appl
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145	505	90.5	US-10-966-097A-21	17	243	Sequence 21, Appl
146	505	90.5	US-10-966-097A-23	17	243	Sequence 23, Appl
147	505	90.5	US-10-966-097A-27	17	243	Sequence 27, Appl
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149	505	90.5	US-10-336-041A-9	15	247	Sequence 9, Appli
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151	505	90.5	US-09-782-397-17	10	287	Sequence 17, Appl
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153	505	90.5	US-09-782-397-14	10	304	Sequence 14, Appl
154	505	90.5	US-10-651-453-14	15	304	Sequence 14, Appl
155	505	90.5	US-10-966-097A-25	17	365	Sequence 25, Appl
156	504.5	90.4	US-10-340-189-14	15	107	Sequence 14, Appl
157	504.5	90.4	US-10-325-696-14	15	107	Sequence 14, Appl
158	504.5	90.4	US-10-982-359-10	17	109	Sequence 10, Appl
159	504.5	90.4	US-09-453-234-38	10	226	Sequence 38, Appl
160	504.5	90.4	US-10-422-628-14	15	263	Sequence 14, Appl
161	504	90.3	US-10-067-800-62	14	109	Sequence 62, Appl
162	504	90.3	US-10-994-679-62	18	109	Sequence 62, Appl
163	504	90.3	US-10-916-840-82	18	112	Sequence 82, Appl
164	504	90.3	US-09-972-656-100	10	215	Sequence 100, App
165	503.5	90.2	US-10-371-942-100	15	108	Sequence 100, App
166	503.5	90.2	US-10-982-359-8	17	109	Sequence 8, Appli
167	503.5	90.2	US-10-226-615-4	14	119	Sequence 4, Appli
168	503.5	90.2	US-10-376-932-4	15	119	Sequence 4, Appli
169	503.5	90.2	US-10-982-725-4	15	119	Sequence 4, Appli
170	503	90.1	US-10-309-762-37	15	108	Sequence 37, Appl
171	503	90.1	US-10-309-762-42	15	108	Sequence 42, Appl
172	503	90.1	US-10-309-762-103	15	108	Sequence 103, App
173	503	90.1	US-10-371-942-28	15	109	Sequence 28, Appl
174	502.5	90.1	US-10-982-359-12	17	109	Sequence 12, Appl
175	502.5	90.1	US-10-624-884-26	16	127	Sequence 26, Appl
176	502.5	90.1	US-10-895-183-26	17	127	Sequence 26, Appl
177	502.5	90.1	US-10-910-901-8	17	236	Sequence 8, Appli
178	502	90.0	US-10-309-764-47	15	108	Sequence 47, Appl
179	502	90.0	US-10-309-764-89	15	128	Sequence 89, Appl
180	501	89.8	US-10-292-486-47	15	109	Sequence 47, Appl
181	500.5	89.7	US-10-982-359-14	17	109	Sequence 14, Appl
182	500.5	89.7	US-09-453-234-52	10	224	Sequence 52, Appl
183	500	89.6	US-09-828-708-3	9	105	Sequence 3, Appli
184	500	89.6	US-10-630-009-3	17	105	Sequence 3, Appli
185	499.5	89.5	US-10-309-762-38	15	107	Sequence 38, Appl
186	499.5	89.5	US-10-309-762-40	15	107	Sequence 40, Appl
187	499.5	89.5	US-10-309-762-44	15	107	Sequence 44, Appl
188	499.5	89.5	US-10-309-762-45	15	107	Sequence 45, Appl
189	499	89.4	US-10-153-382-23	14	141	Sequence 23, Appl
190	499	89.4	US-10-612-497-88	16	141	Sequence 88, Appl
191	499	89.4	US-10-776-649-88	16	141	Sequence 88, Appl
192	498.5	89.3	US-10-688-957-31	17	109	Sequence 31, Appl
193	498.5	89.3	US-10-916-840-90	18	111	Sequence 90, Appl
194	498.5	89.3	US-10-312-316-55	16	112	Sequence 55, Appl
195	498.5	89.3	US-10-684-957-33	17	216	Sequence 33, Appl
196	498	89.2	US-10-684-957-8	17	108	Sequence 8, Appli
197	498	89.2	US-10-684-957-16	17	215	Sequence 16, Appl
198	498	89.2	US-10-684-957-18	17	215	Sequence 18, Appl
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RESULT 2
US-10-041-860-225
; Sequence 225, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
;   APPLICANT: Corvalan, Jose R.F.
;   APPLICANT: Jia, Xiao-Chi
;   APPLICANT: Feng, Xiao
;   APPLICANT: Yang, Xiao-Dong
;   APPLICANT: Chen, Francine
;   APPLICANT: Gazit, Gadi
;   APPLICANT: Weber, Richard
;   APPLICANT: Bezabeh, Binyam
;   TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
;   TITLE OF INVENTION: THEREOF
;   FILE REFERENCE: ABGENIX.051A
;   CURRENT APPLICATION NUMBER: US/10/041,860
;   CURRENT FILING DATE: 2002-01-07
;   NUMBER OF SEQ ID NOS: 377
;   SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 225
;   LENGTH: 108
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-041-860-225

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Query Match        100.0%;   Score 558;   DB 14;   Length 108;
Best Local Similarity   100.0%;   Pred. No. 4.5e-40;
Matches 108;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

Qy    1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
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Qy   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
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Db   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
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RESULT 3
US-10-041-860-259
; Sequence 259, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
;   APPLICANT: Corvalan, Jose R.F.
;   APPLICANT: Jia, Xiao-Chi
;   APPLICANT: Feng, Xiao
;   APPLICANT: Yang, Xiao-Dong
;   APPLICANT: Chen, Francine
;   APPLICANT: Gazit, Gadi
;   APPLICANT: Weber, Richard
;   APPLICANT: Bezabeh, Binyam
;   TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
;   TITLE OF INVENTION: THEREOF
;   FILE REFERENCE: ABGENIX.051A
;   CURRENT APPLICATION NUMBER: US/10/041,860
;   CURRENT FILING DATE: 2002-01-07
;   NUMBER OF SEQ ID NOS: 377
;   SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 259
;   LENGTH: 108
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-041-860-259

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RESULT 4
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; Publication No. US20030157109A1
; GENERAL INFORMATION:
;   APPLICANT: Corvalan, Jose R.F.
;   APPLICANT: Jia, Xiao-Chi
;   APPLICANT: Feng, Xiao
;   APPLICANT: Yang, Xiao-Dong
;   APPLICANT: Chen, Francine
;   APPLICANT: Gazit, Gadi
;   APPLICANT: Weber, Richard
;   APPLICANT: Bezabeh, Binyam
;   TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
;   TITLE OF INVENTION: THEREOF
;   FILE REFERENCE: ABGENIX.051A
;   CURRENT APPLICATION NUMBER: US/10/041,860
;   CURRENT FILING DATE: 2002-01-07
;   NUMBER OF SEQ ID NOS: 377
;   SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 375
;   LENGTH: 108
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-041-860-375

RESULT 5
US-10-665-383-4
; Sequence 4, Application US/10665383
; Publication No. US20040141969A1
; GENERAL INFORMATION:
;   APPLICANT: Floege, Juergen
;   APPLICANT: Gazit, Gadi
;   APPLICANT: Keyt, Bruce
;   APPLICANT: LaRochelle, William
;   APPLICANT: Lichenstein, Henri
;   TITLE OF INVENTION: METHOD FOR THE TREATMENT OF NEPHRITIS
;   TITLE OF INVENTION: USING ANTI-PDGF-DD ANTIBODIES
;   FILE REFERENCE: ABGENIX.052A
;   CURRENT APPLICATION NUMBER: US/10/665,383
;   CURRENT FILING DATE: 2003-09-16

; SEQ ID NO 259
;   LENGTH: 108
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-041-860-259

```
Query Match        100.0%;   Score 558;   DB 14;   Length 108;
Best Local Similarity   100.0%;   Pred. No. 4.5e-40;
Matches 108;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

Qy    1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60

Qy   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
        ||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
```

; TITLE OF INVENTION: Human anti-NGF Neutralizing Antibodies as Selective NGF Pathway
; TITLE OF INVENTION: Inhibitors
; FILE REFERENCE: 02-1240
; CURRENT APPLICATION NUMBER: US/10/891,658
; CURRENT FILING DATE: 2004-07-15
; PRIOR APPLICATION NUMBER: US 60/487,431
; PRIOR FILING DATE: 2003-07-15
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 131
;   LENGTH: 108
;   TYPE: PRT
;   ORGANISM: homo sapien
US-10-891-658-131

Query Match   95.9%;   Score 535;   DB 17;   Length 108;
Best Local Similarity   96.3%;   Pred. No. 4.1e-38;
Matches 104; Conservative   1; Mismatches   3; Indels   0; Gaps   0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
           |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60

Qy   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
           ||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108

RESULT 8
US-10-910-901-18
; Sequence 18, Application US/10910901
; Publication No. US2005054019A1
; GENERAL INFORMATION:
; APPLICANT: MICHAUD, NEIL R., et al.
; TITLE OF INVENTION: ANTIBODIES TO c-MET
; FILE REFERENCE: ABX-PF5
; CURRENT APPLICATION NUMBER: US/10/910,901
; CURRENT FILING DATE: 2004-08-03
; PRIOR APPLICATION NUMBER: US 60/492,432
; PRIOR FILING DATE: 2003-08-04
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 18
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-910-901-18

Query Match   95.9%;   Score 535;   DB 17;   Length 128;
Best Local Similarity   96.3%;   Pred. No. 4.8e-38;
Matches 104; Conservative   1; Mismatches   3; Indels   0; Gaps   0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
           |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   21 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 80

Qy   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
           ||||||||||||||||||||||||||||||||||||||||||||||||
Db   81 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPYTFGQGTKLEIK 128

RESULT 9
US-10-309-762-156
; Sequence 156, Application US/10309762
; Publication No. US2004001B198A1
; GENERAL INFORMATION:
; APPLICANT: Gudas, Jean
; APPLICANT: Foltz, Ian
; APPLICANT: Handa, Masahisa
; APPLICANT: Gallo, Michael
; TITLE OF INVENTION: ANTIBODIES AGAINST CARBOXIC ANHYDRASE IX
; TITLE OF INVENTION: (CA IX) TUMOR ANTIGEN
; FILE REFERENCE: ABGENIX.027A

; PRIOR APPLICATION NUMBER: 60/411,137
; PRIOR FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
;   LENGTH: 108
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-665-383-4

Query Match   100.0%;   Score 558;   DB 16;   Length 108;
Best Local Similarity 100.0%;   Pred. No. 4.5e-40;
Matches 108; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
           |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60

Qy   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
           ||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108

RESULT 6
US-10-891-658-84
; Sequence 84, Application US2005007482lA1
; Publication No. US2005007482lA1
; GENERAL INFORMATION:
; APPLICANT: Kenneth, Wild
; APPLICANT: Treanor, James
; APPLICANT: Huang, Haichun
; APPLICANT: Inoue, Heather
; APPLICANT: Zhang, Tie J.
; APPLICANT: Martin, Frank
; TITLE OF INVENTION: Human anti-NGF Neutralizing Antibodies as Selective NGF Pathway
; TITLE OF INVENTION: Inhibitors
; FILE REFERENCE: 02-1240
; CURRENT APPLICATION NUMBER: US/10/891,658
; CURRENT FILING DATE: 2004-07-15
; PRIOR APPLICATION NUMBER: US 60/487,431
; PRIOR FILING DATE: 2003-07-15
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 84
;   LENGTH: 108
;   TYPE: PRT
;   ORGANISM: homo sapien
US-10-891-658-84

Query Match   95.9%;   Score 535;   DB 17;   Length 108;
Best Local Similarity   96.3%;   Pred. No. 4.1e-38;
Matches 104; Conservative   1; Mismatches   3; Indels   0; Gaps   0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
           |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYVASSRATGIP 60

Qy   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
           |||||||||||||||||||||||||||||||||||| |||||||||||
Db   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPYTFGQGTKLEIK 108

RESULT 7
US-10-891-658-131
; Sequence 131, Application US/10891658
; Publication No. US2005007482lA1
; GENERAL INFORMATION:
; APPLICANT: Kenneth, Wild
; APPLICANT: Treanor, James
; APPLICANT: Huang, Haichun
; APPLICANT: Inoue, Heather
; APPLICANT: Zhang, Tie J.
; APPLICANT: Martin, Frank

CURRENT APPLICATION NUMBER: US/10/309,762
; CURRENT FILING DATE: 2002-12-02
; PRIOR APPLICATION NUMBER: 60/337275
; PRIOR FILING DATE: 2001-12-03
; SOFTWARE: FastSEQ for Windows Version 4.0
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 156
; LENGTH: 108
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-309-762-156

Query Match   95.5%;   Score 533; DB 15; Length 108;
Best Local Similarity   95.4%;   Pred. No. 6e-38;
Matches 103; Conservative   2; Mismatches   3; Indels   0; Gaps   0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
          |||||||||||||||||||||||||||||||||||||||||||| ||||||||||||||
Db   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
          ||||||||||||||||||||||||||||||||||| :|||:||||
Db   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPITFGQGTRLEIK 108

RESULT 10
US-10-693-629-46
; Sequence 46, Application US/10693629
; Publication No. US20040120948A1
; GENERAL INFORMATION:
; APPLICANT: KIRIN BEER KABUSHIKI KAISHA
; APPLICANT: MIKAYAMA, Toshifumi
; APPLICANT: YOSHIDA, Hitoshi
; APPLICANT: FORCE, Walker, R.
; APPLICANT: CHEN, Xingjie
; APPLICANT: TAKAHASHI, Nobuaki
; TITLE OF INVENTION: ANTI CD40 MONOCLONAL ANTIBODY
; FILE REFERENCE: 021286-0306473
; CURRENT APPLICATION NUMBER: US/10/693,629
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: PCT/US01/13672
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US09/844,684
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: JP2001/142482
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: JP2001/310535
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US10/040,244
; PRIOR FILING DATE: 2001-10-26
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 130
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-693-629-46

Query Match   95.5%;   Score 533; DB 16; Length 130;
Best Local Similarity   95.4%;   Pred. No. 7.2e-38;
Matches 103; Conservative   2; Mismatches   3; Indels   0; Gaps   0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
          ||||||||||||||||||||||||||||||||||||||||||| ||||||||||||||
Db   21 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 80

Qy   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
          ||||||||||||||||||||||||||||||||||| :|||:||||
Db   81 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPITFGQGTRLEIK 128

RESULT 11
US-10-307-724-123
; Sequence 123, Application US/10307724
; Publication No. US20030232972A1
; GENERAL INFORMATION:
; APPLICANT: Bowdish, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Renshaw, Mark
; TITLE OF INVENTION: RATIONALLY DESIGNED ANTIBODIES
; FILE REFERENCE: 1087-2cip
; CURRENT APPLICATION NUMBER: US/10/307,724
; CURRENT FILING DATE: 2002-12-02
; PRIOR APPLICATION NUMBER: US 60/251,448
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/288,889
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/294,068
; PRIOR FILING DATE: 2001-05-29
; PRIOR APPLICATION NUMBER: US 10/006,593
; PRIOR FILING DATE: 2001-12-05
; NUMBER OF SEQ ID NOS: 134
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 123
; LENGTH: 108
; TYPE: PRT
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antibody light chain variable region
US-10-307-724-123

Query Match   95.3%;   Score 532; DB 15; Length 108;
Best Local Similarity   95.4%;   Pred. No. 7.3e-38;
Matches 103; Conservative   2; Mismatches   3; Indels   0; Gaps   0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
          |||||||||||||||||||||||||||||||||||||||||||| ||||||||||||||
Db   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
          ||||||||||||||||||||||||||||||||||| :|||:||:||
Db   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPWTFGQGTKVEIK 108

RESULT 12
US-10-737-290-123
; Sequence 123, Application US/10737290
; Publication No. US20040253242A1
; GENERAL INFORMATION:
; APPLICANT: Bowdish, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Renshaw, Mark
; APPLICANT: Orencia, Cecilia
; TITLE OF INVENTION: RATIONALLY DESIGNED ANTIBODIES
; FILE REFERENCE: 1087-2 CIP III
; CURRENT APPLICATION NUMBER: US/10/737,290
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: US 10/452,590
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 10/307,724
; PRIOR FILING DATE: 2002-12-02
; PRIOR APPLICATION NUMBER: US 10/006,593
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/288,889
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/251,448
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/294,068
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 193
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 123
; LENGTH: 108
; TYPE: PRT
; ORGANISM: artificial sequence
; FEATURE:

; OTHER INFORMATION: antibody light chain variable region
US-10-737-290-123

Query Match   95.3%;   Score 532;   DB 16;   Length 108;
Best Local Similarity   95.4%;   Pred. No. 7.3e-38;
Matches 103;   Conservative   2;   Mismatches   3;   Indels   0;   Gaps   0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
        ||||||||||||||||||||||||||||||||||||||||||||| |||||||||
Db   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
         ||||||||||||||||||||||||||||||||:||||:||
Db   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPWTFGQGTKVEIK 108

RESULT 13
US-10-725-962-27
; Sequence 27, Application US/10725962
; Publication No. US2005001380941
; GENERAL INFORMATION:
; APPLICANT: Samuel M. Owens
; APPLICANT: Frank I. Carroll
; APPLICANT: Philip Abraham
; APPLICANT: Melinda G. Gunnell
; APPLICANT: Mary Haak-Frendscho
; APPLICANT: Xiao Feng
; TITLE OF INVENTION: ANTIBODIES AGAINST DRUGS OF ABUSE
; FILE REFERENCE: ABGENIX.071A
; CURRENT APPLICATION NUMBER: US/10/725,962
; CURRENT FILING DATE: 2003-12-02
; PRIOR APPLICATION NUMBER: 60/430717
; PRIOR FILING DATE: 2002-12-02
; NUMBER OF SEQ ID NOS: 141
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 109
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-725-962-27

Query Match   95.3%;   Score 532;   DB 17;   Length 109;
Best Local Similarity   95.4%;   Pred. No. 7.4e-38;
Matches 103;   Conservative   2;   Mismatches   3;   Indels   0;   Gaps   0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
        ||||||||||||||||||||||||||||||||||||||||||||| |||||||||
Db   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
         ||||||||||||||||||||||||||||||||:||||:||
Db   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPWTFGQGTKVEIK 108

RESULT 14
US-10-506-743-2
; Sequence 2, Application US/10506743
; Publication No. US2005010614041
; GENERAL INFORMATION:
; APPLICANT: Lancaster, Joanne Sloan
; TITLE OF INVENTION: Antagonistic Anti-hFas Ligand Human Antibodies and Fragments
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: X15450 - National Stage
; CURRENT APPLICATION NUMBER: US/10/506,743
; CURRENT FILING DATE: 2004-09-03
; PRIOR APPLICATION NUMBER: 60/367,054
; PRIOR FILING DATE: 2002-03-21
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 120
; TYPE: PRT
; ORGANISM: Homo sapiens

US-10-506-743-2

Query Match   95.3%;   Score 532;   DB 17;   Length 120;
Best Local Similarity   95.4%;   Pred. No. 8.1e-38;
Matches 103;   Conservative   2;   Mismatches   3;   Indels   0;   Gaps   0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
        ||||||||||||||||||||||||||||||||||||||||||||| |||||||||
Db   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 60

Qy   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
         ||||||||||||||||||||||||||||||||:||||:||
Db   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPWTFGQGTKVEIK 108

RESULT 15
US-10-737-290-161
; Sequence 161, Application US/10737290
; Publication No. US2004025324241
; GENERAL INFORMATION:
; APPLICANT: Bowdish, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Renshaw, Mark
; APPLICANT: Orencia, Cecilia
; TITLE OF INVENTION: RATIONALLY DESIGNED ANTIBODIES
; FILE REFERENCE: 1087-2 CIP III
; CURRENT APPLICATION NUMBER: US/10/737,290
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: US 10/452,590
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 10/307,724
; PRIOR FILING DATE: 2002-12-02
; PRIOR APPLICATION NUMBER: US 10/006,593
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/251,448
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/288,889
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/294,068
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 193
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 161
; LENGTH: 130
; TYPE: PRT
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: recombinant Ab Vk
US-10-737-290-161

Query Match   95.3%;   Score 532;   DB 16;   Length 130;
Best Local Similarity   95.4%;   Pred. No. 8.7e-38;
Matches 103;   Conservative   2;   Mismatches   3;   Indels   0;   Gaps   0;

Qy   1 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYATSSRATGIP 60
        ||||||||||||||||||||||||||||||||||||||||||||| |||||||||
Db   23 EIVLTQSPGTLSLSPGERATLSCRASQSVSSSYLAWYQQKPGQAPRLLIYGASSRATGIP 82

Qy   61 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPCSFGQGTKLEIK 108
         ||||||||||||||||||||||||||||||||:||||:||
Db   83 DRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYGSSPWTFGQGTKVEIK 130

Search completed: September 29, 2005, 09:45:20
Job time : 107.609 secs